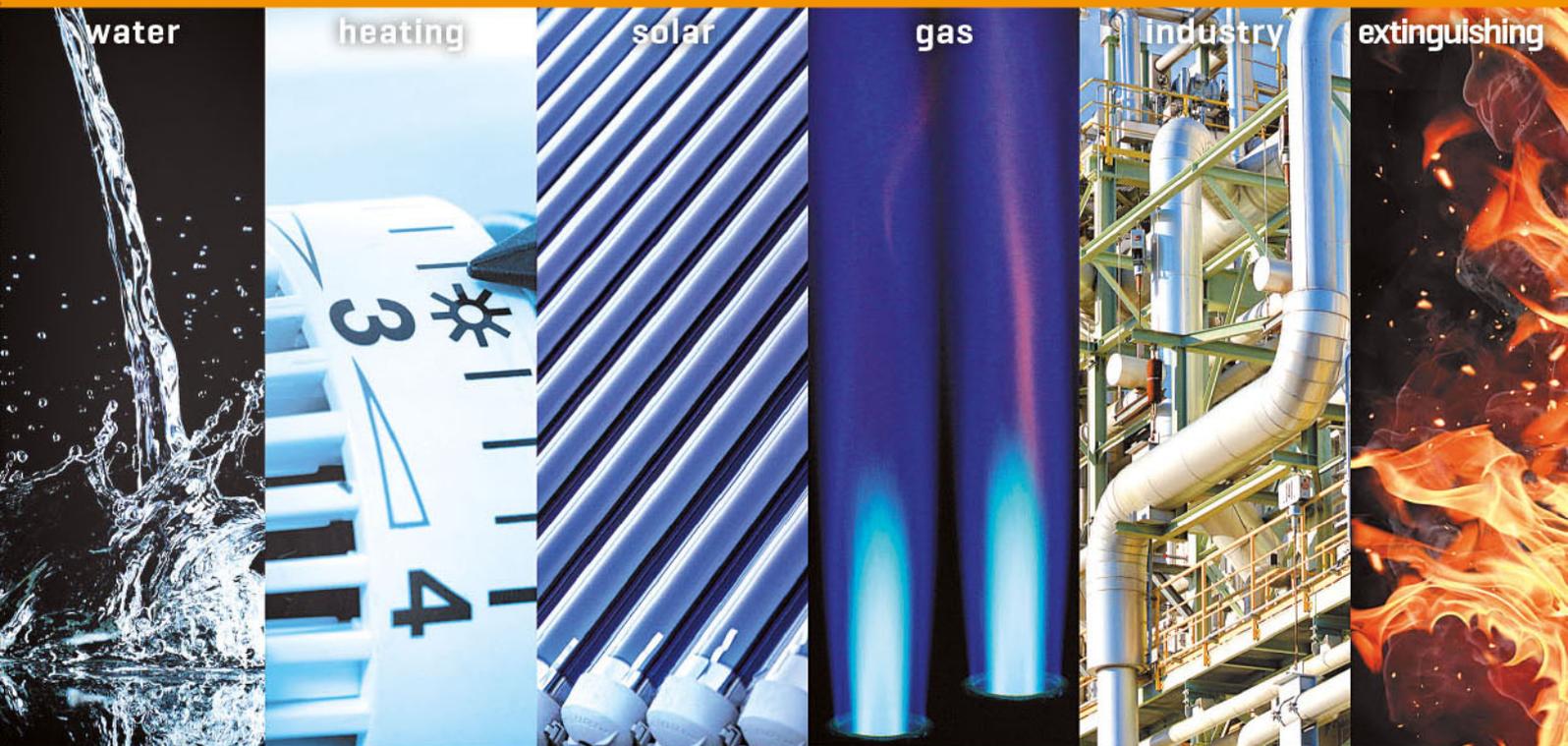


SANHA

a perfect fit



NiroSan® | NiroTherm® | PURAPRESS® |
SANHA®-Press | SANHA®-Therm | 3fit® |
SANHA®-Box | SANHA®-Heat | SA |
PURAFIT® | MASTER 3 | RefHP

**Piping systems from all established
materials, for safe and durable installations,
for all applications**

Product catalogue 2018

Contact	IV
General information	V
SANHA Group	VI
Application overview	X
Terms and Conditions of Sale	XIII

PIPING SYSTEMS

stainless steel	NiroSan® - (Series 9000)	1
	NiroSan® Gas - (Series 17000)	2
	NiroSan® Industry - (Series 18000)	3
	NiroSan® SF - (Series 19000)	4
	NiroTherm® - (Series 91000)	5
	NiroTherm® Industry - (Series 98000)	6
lead-free silicon bronze	PURAPRESS® - (Series 8000)	7
copper	SANHA®-Press - (Series 6000)	8
	SANHA®-Press Gas - (Series 10000 / 11000)	9
	SANHA®-Press Solar - (Series 12000 / 13000)	10
	SANHA®-Press Chrome - (Series 16000)	11
carbon steel	SANHA®-Therm - (Series 24000)	12
	SANHA®-Therm Industry - (Series 28000)	13
plastic	3fit®-Press - (Series 25000 / 35000)	14
	3fit®-Push - (Series 23000)	15
Press tools	Tools and accessories	16
Waste water system	SANHA MASTER 3	17

SANHA®-BOX	Installation boxes for masonry and dry wall construction	18
-------------------	---	-----------

SANHA®-HEAT	Wall heating modules	19
	Heating manifolds	20
	Heater connections	21
	Ball valves	22

CAPILLARY SOLDER FITTINGS

copper alloy	Capillary solder fittings SA (Series 4000)	23
copper	Capillary solder fittings SA (Series 5000 and fittings for hard soldering)	24
copper-iron alloy	SANHA RefHP (Series 29000)	25
	Soldering accessories	26

THREADED FITTINGS

lead free silicon bronze	PURAFIT® (Series 3000)	27
brass	Threaded brass fittings	28
malleable cast iron	Threaded fittings	29
mild steel	Threaded fittings from mild steel	30

FITTINGS FOR BRAZING	Fittings for brazing from copper	31
-----------------------------	---	-----------

PUMP CONNECTIONS	from cast iron and copper alloys	32
-------------------------	---	-----------

PIPE CLAMPS AND PIPE CLIPS		33
-----------------------------------	--	-----------

FLANGES	Press, solder and threaded flanges	34
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Contact

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Product pictures:

The product photos shown are for illustrational purposes only and may differ from the delivered goods.

Changes:

This product guide is subject to changes of the product range, packaging units, technical information and misprints.

Success needs responsibility

About us

With more than 50 years of experience, SANHA is now one of Europe's leading manufacturers of pipeline systems and has been a family-owned enterprise since its establishment in 1964.

Our product range comprises around 8,400 products made of copper and copper alloys, stainless steel, carbon steel and plastic, which are used in the areas of drinking water, heating, gas, solar energy, industry, fire protection, waste water and many other applications.

We have four production sites in Europe, all of which maintain the highest standards of quality. Practical, ready-to-install and reliable premium products, the highest quality standards, comprehensive service and a clear commitment to our customers are our success factors.

SANHA logistics centre at Essen headquarters



SANHA copper fittings factory in Ternat, Belgium



Founded in Essen by M. and F. Kaimer

Start of production of fittings

Ternat factory, Belgium

Start of international business

SANHA®-Press from copper and bronze

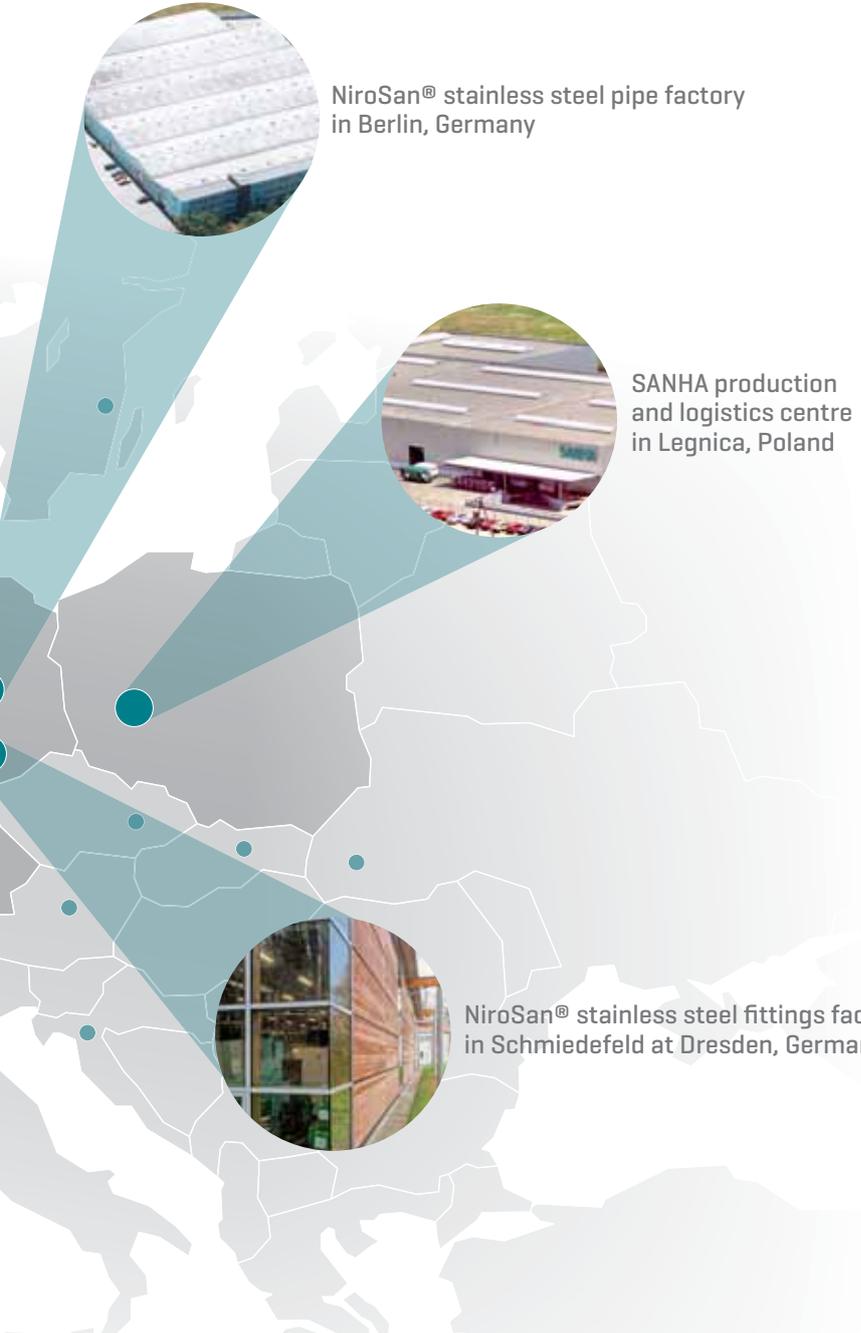
1964

1968

1985

1990

1997



NiroSan® stainless steel pipe factory in Berlin, Germany



SANHA production and logistics centre in Legnica, Poland



NiroSan® stainless steel fittings factory in Schiedefeld at Dresden, Germany

- ### Facts and figures
- Founded in 1964
 - Owner-operated family enterprise
 - ca. 8,400 different products
 - More than 70% in-house production
 - Four production sites, including our own pipe factory
 - Sales activities in 40+ countries
 - € 100 million annual turnover
 - Approx 650 employees worldwide
 - Many patents and trademarks
 - Fully certified in accordance with ISO 9001: 2008
 - More than 200 international product certifications
 - Three fully equipped training centres

Schiedefeld factory at Dresden · NiroSan®

Factory, Berlin

SANHA®-Therm, MultiFit®-Flex, NiroTherm® Pipe, 3fit®-Press, 3fit®-Push and NiroSan®-ECO

SANHA wall and heating module

50-year anniversary · Plus X Award for the PURAPRESS® series · BVF seal for SANHA-Heat · NiroTherm®-System

SANHA MASTER 3 drainage system · Ref HP high-pressure solder fittings

2000 2003 2004 2007 2009 2011 2013 2014 2015 2016

Legnica factory, Poland

First press and threaded fittings made of lead-free silicon bronze "Pb-free"

Complete conversion to lead-free silicon bronze

3fit®-Press Pb-free/PPSU · All product data in accordance with VDI3805

We provide unique tool compatibility for all SANHA press systems and many other advantages

SANHA is the only manufacturer of press systems to provide a full guarantee for the integrity of the press connection regardless of the manufacturer of the pressing tools. In addition, many of our installation-friendly products have Push & Stay as well as Leak path protection. Together we call these features and benefits “combipress”.

SANHA tool compatibility

- Lower costs because no new tools are needed
- Greater safety because no press fault or malfunction can occur due to wrong tool
- Greater flexibility because all tools can be used
- Faster installation through simultaneous work
- For more details, please visit www.sanha.com/en/unique-advantages/three-in-one-combipress/

Push & Stay – slide and grip

- Fast and easy pre-assembly and alignment before pressing
- Fitting securely grips the pipe without slipping off

Leak path feature

- Connections visibly leak if un-pressed (please refer to our “Leak Path” brochure, which can be downloaded from our website)
- Increased safety as un-pressed or incorrect connections are easily identified

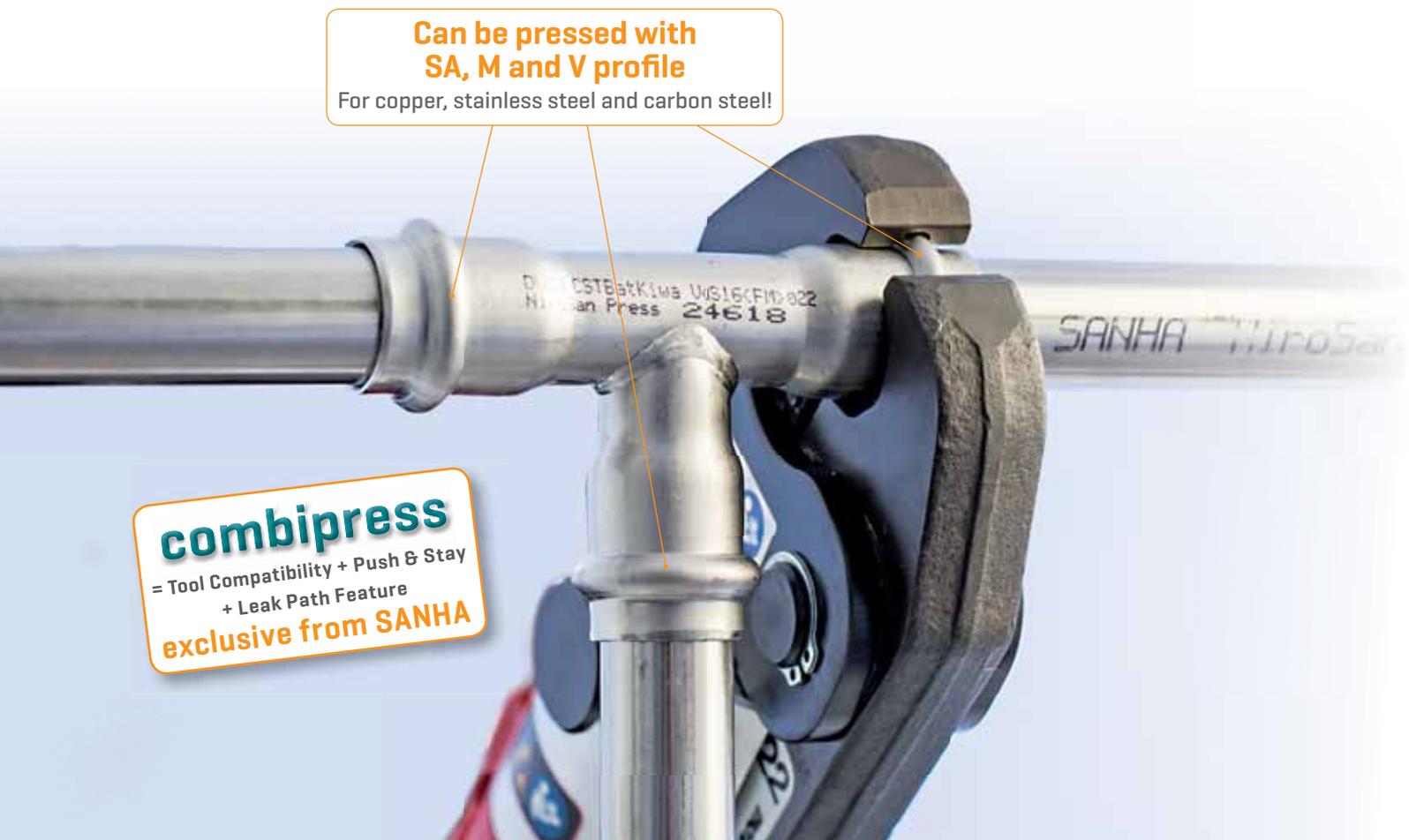
Can be pressed with SA, M and V profile

For copper, stainless steel and carbon steel!

combipress

= Tool Compatibility + Push & Stay
+ Leak Path Feature

exclusive from SANHA





Fire protection & sound insulation

Our systems are tested and certified according to all relevant fire protection and sound insulation requirements.

Broad and extensive range

The **SANHA product range** includes all standard installation materials such as copper and copper alloys, stainless steel, carbon steel and composites through to lead-free silicon bronze. For pressing, soldering, welding, screwing or plugging.

All standard dimensions from 6 to 159 mm or from 1/8" to 4" and numerous special shapes and reductions that leave nothing to be desired.

Material-neutral advice

SANHA supplies all materials and all connection methods –

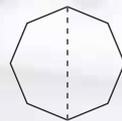
a basic condition for neutral advice. This way you always get the ideal solution for your application.

Comprehensive Training and service

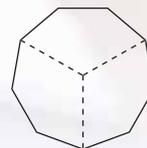
Installation training resulting in two-year certification documents. CPD Seminars available on current technical topics. Full specifications, certification and warranties available.

Optimal circular pressing pattern

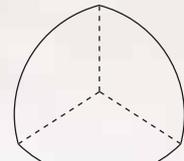
- Many press points provide higher pull-out forces and so greater safety against pressure surges.
- The particularly circular pressing pattern creates less swirling.



8-edged profile
12 mm – 35 mm



9-edged profile
42 mm + 54 mm



Oval profile
64 mm – 108 mm

Numerous national and international certifications.

Not only are the SANHA pipeline systems and threaded and solder fittings certified by DVGW, SVGW and ÖVGW, but also by many other important international certification bodies.



Application Pipe Material number	Drinking water	Rainwater	Treated water	Heating water	Thermal Solar system	Steam condensate	Open cooling water system
NiroSan® 1.4404 AISI 316 L	NiroSan® PURAPRESS®	NiroSan® PURAPRESS®	NiroSan® PURAPRESS®	NiroSan® PURAPRESS®	NiroSan® Industry	NiroSan®	NiroSan®
NiroSan®-F 1.4521 AISI 443/444	NiroSan® PURAPRESS® d ≤ 45 mm	NiroSan® PURAPRESS®	NiroSan® PURAPRESS®	NiroSan® PURAPRESS®	NiroSan® Industry	NiroSan®	NiroSan®
NiroSan®-ECO 1.4404 AISI 316 L	NiroSan® PURAPRESS®	NiroSan® PURAPRESS®	NiroSan® PURAPRESS®	NiroSan® PURAPRESS®	NiroSan® Industry	NiroSan®	NiroSan®
NiroTherm® 1.4301 AISI 304		NiroSan® NiroTherm®	NiroSan® NiroTherm®	NiroSan® NiroTherm® SANHA®-Therm	NiroSan® Industry NiroTherm® Industry	NiroSan® NiroTherm®	NiroSan® NiroTherm®
SANHA®-Therm Carbon steel 1.0034				SANHA®-Therm	SANHA®-Therm Industry		
SANHA®-Therm DZ Carbon steel 1.0034 Galvanized inside + outside							
Copper pipe DIN EN 1057/ DVGW-GW 392	SANHA®-Press PURAPRESS®	SANHA®-Press PURAPRESS®	SANHA®-Press PURAPRESS®	SANHA®-Press PURAPRESS®	SANHA®-Press Solar	SANHA®-Press	SANHA®-Press
MultiFit®-Flex PE-RT; AI; PE-RT	3fit®-Press 3fit®-Push	3fit®-Press 3fit®-Push	3fit®-Press 3fit®-Push	3fit®-Press 3fit®-Push			
MultiFit®-PEX PE-Xc				3fit®-Press 3fit®-Push			

recommended
 on demand only
 not suitable

Applications at a glance

Product catalogue | 2018

closed cooling water systems	Firepoint supply lines	Sprinkler systems	Natural gas installations	Liquid gas installations	Fuel oil installations	Industrial applications	Compressed air systems	Technical gases	
NiroSan® PURAPRESS®	NiroSan® PURAPRESS® (only wet systems) NiroSan® Industry (only dry systems)	NiroSan® (only wet systems) NiroSan® Industry (only dry systems)	NiroSan® Gas	NiroSan® Gas	NiroSan® Industry	NiroSan® Industry	NiroSan® Industry	NiroSan®	
NiroSan® PURAPRESS®	NiroSan® PURAPRESS® (only wet systems)				NiroSan® Industry		NiroSan® Industry	NiroSan® Industry	NiroSan®
NiroSan® PURAPRESS®					NiroSan® Industry		NiroSan® Industry	NiroSan® Industry	NiroSan®
NiroSan® NiroTherm® SANHA®-Therm	NiroSan® NiroTherm® SANHA®-Therm				NiroSan® Industry NiroTherm® Industry	NiroSan® Industry NiroTherm® Industry	NiroSan® Industry NiroTherm® Industry	NiroSan® NiroTherm®	
SANHA®-Therm	NiroSan® NiroTherm® SANHA®-Therm						SANHA®-Therm up to compressed air class 5		
SANHA®-Therm		SANHA®-Therm (only wet systems)					SANHA®-Therm Industry		
SANHA®-Press PURAPRESS®	SANHA®-Press PURAPRESS® (only wet systems)		SANHA®-Press Gas	SANHA®-Press Gas	SANHA®-Press Solar	SANHA®-Press	SANHA®-Press Solar	SANHA®-Press Gas	
3fit®-Press 3fit®-Push							3fit®-Press 3fit®-Push	3fit®-Press 3fit®-Push up to compressed air class 5	3fit®-Press 3fit®-Push
3fit®-Press 3fit®-Push									

Please pay particular attention to our technical documentation and installation instructions!

Technical customer support service: If you should have technical questions or questions concerning the areas of application, please do not hesitate to contact us at UK@sanha.com or 01628 819245



PIPING SYSTEMS | Stainless steel

NiroSan®

(Series 9000)

combipress
 = Tool Compatibility + Push & Stay
 + Leak Path Feature
 exclusive from SANHA



NiroSan®

Series 9000

The installation system consists of high-grade NiroSan® press fittings with an moulded sealing ring and NiroSan® stainless steel system pipes according to EN 10312.

All NiroSan® press fittings are made from the premium stainless steel type 1.4404 / AISI 316L and 1.4408 (for precision cast threaded stainless steel components). The material 1.4404 contains at least 2.3 % molybdenum, with less carbon than the conventional type 1.4401. For this reason material no 1.4404/316L is a superior material with higher corrosion resistance than standard stainless steels.

The NiroSan® press system and its components are certified in accordance with the rules and regulations of all important European certification bodies.

Operating conditions for the NiroSan® press system

Outside pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature NiroSan® press fittings with EPDM sealing ring	
-30 °C – +120 °C	
Type of thread: R/Rp thread according to EN 10226, fastening thread: G thread according to ISO 228	

Features

- **combipress**
 - + **tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Leak path feature** (certified forced leakage before pressing with EPDM and HNBR sealing rings) in combination with
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Fast installation, no risk of fire**
The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. NiroSan® installation systems are therefore ideally suited for renovation work.
- **High corrosion resistance**
The premium stainless steel type 1.4404 (316L) and the exceptionally smooth, passivated surface of pipes and fittings lead to an excellent corrosion resistance.
- **Exceptional flexibility**
 - **All dimensions from 15 to 108 mm**
 - **Reliable, permanent connection with NiroSan® stainless steel system pipes:**
 - NiroSan® (1.4404/316L), TIG-welded, annealed, low carbon, high (≥ 2,3 %) molybdenum content for increased corrosion resistance. Labelled in black lettering.
 - NiroSan® ECO (1.4404/316L), optimised wall thickness, TIG-welded, annealed, low carbon, high (≥ 2,3%) molybdenum content for increased corrosion resistance.
 - NiroSan®-F (1.4521/444), TIG-welded, pickled for improved corrosion resistance, nickle-free
 - NiroTherm® (1.4301/304), optimised wall thickness, TIG-welded, annealed for improved corrosion resistance (not for drinking water).
 - Thread according to EN 10226 and/or ISO7/1 Typ R and Rp

Areas of application

Drinking water	Heating	Rainwater
Compressed air	Fire extinguishing system (wet)	Sprinkler systems (wet)
Inert gases	Cooling water pipes	Ship building

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 9000)

9000

AUG 472

NiroSan® system pipe, material no. 1.4404 in 6 m lengths



Article No.	Dimension	Bag	Box*
6900015	15 x 1,0		600
6900018	18 x 1,0		240
6900022	22 x 1,2		420
6900028	28 x 1,2		240
6900035	35 x 1,5		180
6900042	42 x 1,5		120
6900054	54 x 1,5		60
6900064	64 x 2,0		60
6900076	76,1 x 2,0		30
6900089	88,9 x 2,0		30
6900108	108,0 x 2,0		30

9100

AUG 480

NiroTherm® system pipe, material no. 1.4301 (304), reduced wall thickness, in 6 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6910015	15 x 0,6		600
6910018	18 x 0,7		240
6910022	22 x 0,7		420
6910028	28 x 0,8		240
6910035	35 x 1,0		180
6910042	42 x 1,1		120
6910054	54 x 1,2		60
6910076	76,1 x 1,5		30
6910089	88,9 x 1,5		30
6910108	108 x 1,5		30

9150

AUG 480

NiroTherm® system pipe, material no. 1.4301 (304), reduced wall thickness, in 3 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6915015	15 x 0,6	o. r.	300
6915018	18 x 0,7	o. r.	120
6915022	22 x 0,7	o. r.	210
6915028	28 x 0,8	o. r.	120

9150

AUG 480

NiroTherm® system pipe, material no. 1.4301 (304), reduced wall thickness, in 3 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6915035	35 x 1,0	o. r.	90
6915042	42 x 1,1	o. r.	60
6915054	54 x 1,2	o. r.	30
6915076	76,1 x 1,5	o. r.	15
6915089	88,9 x 1,5	o. r.	15
69150108	108 x 1,5	o. r.	15

9500

AUG 472

NiroSan® system pipe, material no. 1.4404 (316L), in 3 m lengths



Article No.	Dimension	Bag	Box*
6950015	15 x 1,0		300
6950018	18 x 1,0		120
6950022	22 x 1,2		210
6950028	28 x 1,2		120
6950035	35 x 1,5		90
6950042	42 x 1,5		60
6950054	54 x 1,5		30
6950076	76,1 x 2,0		15
6950089	88,9 x 2,0		15
6950108	108,0 x 2,0		15

9600

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 6 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6960015	15 x 0,6		600
6960018	18 x 0,7		240
6960022	22 x 0,7		420
6960028	28 x 0,8		240
6960035	35 x 1,0		180
6960042	42 x 1,1		120
6960054	54 x 1,2		60
6960076	76,1 x 1,5		30
6960089	88,9 x 1,5		30
6960108	108 x 1,5		30

Product catalogue | 2018 | (Series 9000)

9650

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 3 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6965015	15 x 0,6		o.r.
6965018	18 x 0,7		o.r.
6965022	22 x 0,7		o.r.
6965028	28 x 0,8		o.r.
6965035	35 x 1,0		o.r.
6965042	42 x 1,1		o.r.
6965054	54 x 1,2		o.r.
6965076	76,1 x 1,5		o.r.
6965089	88,9 x 1,5		o.r.
69650108	108 x 1,5		o.r.

9700

AUG 475

NiroSan®-F system pipe, material no. 1.4521, in 6 m lengths



Article No.	Dimension	Bag	Box*
6970015	15 x 1,0		600
6970018	18 x 1,0		240
6970022	22 x 1,2		420
6970028	28 x 1,2		240
6970035	35 x 1,5		180
6970042	42 x 1,5		120
6970054	54 x 1,5		60
6970076	76,1 x 2,0		30
6970089	88,9 x 2,0		30
69700108	108,0 x 2,0		30

9001A

AUG 009

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
69001A15	15	10	200
69001A18	18	10	150
69001A22	22	10	100
69001A28	28	5	60

9001A

AUG 009

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
69001A35	35	2	30
69001A42	42	2	20
69001A54	54	2	10
69001A64	64	1	8
69001A76	76,1	1	4
69001A89	88,9	1	2
69001A108	108,0	1	1

9001L

AUG 009

Bend 90°, long, female/male plain end



Article No.	Dimension	Bag	Box
69001L15	15	10	150
69001L18	18	10	100
69001L22	22	10	60
69001L28	28	5	30
69001L35	35	2	16
69001L42	42	2	10
69001L54	54	2	6

9002A

AUG 009

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
69002A15	15	10	200
69002A18	18	10	150
69002A22	22	10	100
69002A28	28	5	60
69002A35	35	2	30
69002A42	42	2	20
69002A54	54	2	10
69002A64	64	1	8
69002A76	76,1	1	4
69002A89	88,9	1	2
69002A108	108,0	1	1

Product catalogue | 2018 | (Series 9000)

9002G

AUG 009

Bend 90°, female end and female thread



Article No.	Dimension	Bag	Box
69002G1512	15 x 1/2	10	100
69002G1812	18 x 1/2	10	70
69002G1834	18 x 3/4	10	70
69002G2234	22 x 3/4	10	60
69002G281	28 x 1	5	30
69002G35114	35 x 1 1/4	2	20

9002M

AUG 009

Bend 90°, nut, flat seal, female end and male thread



Article No.	Dimension	Bag	Box
69002M1534	15 x 3/4	10	100
69002M1834	18 x 3/4	10	100
69002M221	22 x 1	10	50
69002M28114	28 x 1 1/4	5	40

9002MG

AUG 009

Bend 90°, nut, flat seal, female/male thread



Article No.	Dimension	Bag	Box
69002MG3434	3/4 x 3/4	10	60
69002MG11	1 x 1	10	40

9002AG

AUG 009

Bend 90°, female end and male thread



Article No.	Dimension	Bag	Box
69002AG1512	15 x 1/2	10	120
69002AG1812	18 x 1/2	10	100
69002AG1834	18 x 3/4	10	80
69002AG2234	22 x 3/4	10	80
69002AG281	28 x 1	5	40
69002AG35114	35 x 1 1/4	2	20
69002AG42112	42 x 1 1/2	2	10
69002AG542	54 x 2	2	6

9003

AUG 009

Bend 90°, male plain ends



Article No.	Dimension	Bag	Box
6900315	15	10	100
6900318	18	10	80
6900322	22	10	50
6900328	28	5	30
6900335	35	2	20
6900342	42	2	10
6900354	54	2	6

9003G

AUG 009

Bend 90°, male plain end and female thread



Article No.	Dimension	Bag	Box
69003G1812	18 x 1/2	10	80

9005

AUG 009

Pipe element with flanging for overflow



Article No.	Dimension	Bag	Box
690052850034	28 x 500 x 3/4		28

9040

AUG 009

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
6904015	15	10	250
6904018	18	10	200
6904022	22	10	120
6904028	28	5	80
6904035	35	2	40
6904042	42	2	26
6904054	54	2	14
6904064	64	1	12
6904076	76,1	1	5
6904089	88,9	1	3
69040108	108,0	1	2

Product catalogue | 2018 | (Series 9000)

9041

AUG 009

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
6904115	15	10	250
6904118	18	10	200
6904122	22	10	120
6904128	28	5	80
6904135	35	2	44
6904142	42	2	26
6904154	54	2	14
6904164	64	1	12
6904176	76,1	1	5
6904189	88,9	1	3
69041108	108,0	1	2

9042

AUG 009

Bend 45°, male plain ends



Article No.	Dimension	Bag	Box
6904235	35	2	20
6904242	42	2	6

9043

AUG 009

Bend 15°, male plain ends



Article No.	Dimension	Bag	Box
6904315	15	10	100
6904318	18	10	90
6904335	35	2	20
6904354	54	1	2

9044

AUG 009

Bend 30°, male plain ends



Article No.	Dimension	Bag	Box
6904415	15	10	100
6904418	18	10	90

9044

AUG 009

Bend 30°, male plain ends



Article No.	Dimension	Bag	Box
6904435	35	2	20
6904489	88,9	o. r.	o. r.

9045

AUG 009

Bend 75°, male plain ends



Article No.	Dimension	Bag	Box
6904515	15	10	130
6904518	18	10	80
6904522	22	10	60
6904535	35	2	20
6904542	42	2	10
6904554	54	2	4

9050

AUG 009

Adaptor with minimum pipe length between two fittings and marked insertion depth, male/male plain end



Article No.	Dimension	Bag	Box
6905015	15	10	400
6905064	64	1	8
69050108	108,0	1	4

9058

AUG 009

Bend 60°, male plain ends



Article No.	Dimension	Bag	Box
6905815	15	10	100
6905818	18	10	80
6905822	22	10	60
6905828	28	5	40
6905842	42	2	10
6905854	54	2	4
6905876	76,1	1	12
6905889	88,9	1	3
69058108	108,0	1	1

Product catalogue | 2018 | (Series 9000)

9085

AUG 009

Crossover, female/female end



Article No.	Dimension	Bag	Box
6908515	15	10	120
6908518	18	10	80
6908522	22	10	60
6908528	28	5	30

9087

AUG 009

Crossover, male/male plain end



Article No.	Dimension	Bag	Box
6908715	15	10	120
6908718	18	10	80
6908722	22	10	50
6908728	28	5	40

9090

AUG 009

Elbow 90°, female/female end



Article No.	Dimension	Bag	Box
6909022	22	10	100
6909028	28	5	60

9090IG

AUG 009

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
69090IG1512	15 x 1/2	10	180
69090IG1834	18 x 3/4	10	120
69090IG2234	22 x 3/4	10	100
69090IG2812	28 x 1/2	5	80
69090IG2834	28 x 3/4	5	80
69090IG281	28 x 1	5	50
69090IG3512	35 x 1/2	2	50
69090IG3534	35 x 3/4	2	50
69090IG35114	35 x 1 1/4	2	30

9092AG

AUG 009

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
69092AG1512	15 x 1/2	10	200
69092AG1812	18 x 1/2	10	200
69092AG1834	18 x 3/4	10	120
69092AG2234	22 x 3/4	10	100
69092AG281	28 x 1	5	50
69092AG35114	35 x 1 1/4	2	40
69092AG42112	42 x 1 1/2	2	30
69092AG542	54 x 2	2	16

9130

AUG 009

Tee, female ends



Article No.	Dimension	Bag	Box
6913015	15	10	120
6913018	18	10	100
6913022	22	10	60
6913028	28	5	40
6913035	35	2	24
6913042	42	2	16
6913054	54	2	8
6913064	64	1	5
6913076	76,1	1	3
6913089	88,9	1	2
69130108	108,0	1	1
69130181515	18 x 15 x 15	10	120
69130181518	18 x 15 x 18	10	80
69130221515	22 x 15 x 15	10	100
69130221522	22 x 15 x 22	10	70
69130221818	22 x 18 x 18	10	80
69130221822	22 x 18 x 22	10	60
69130281528	28 x 15 x 28	5	50
69130281828	28 x 18 x 28	5	40
69130282222	28 x 22 x 22	5	60
69130282228	28 x 22 x 28	5	40
69130351535	35 x 15 x 35	2	30
69130351835	35 x 18 x 35	2	30
69130352235	35 x 22 x 35	2	26
69130352835	35 x 28 x 35	2	26
69130421842	42 x 18 x 42	2	22

Product catalogue | 2018 | (Series 9000)

9130

AUG 009

Tee, female ends



Article No.	Dimension	Bag	Box
69130422242	42 x 22 x 42	2	18
69130422842	42 x 28 x 42	2	18
69130423542	42 x 35 x 42	2	16
69130542254	54 x 22 x 54	2	10
69130542854	54 x 28 x 54	2	10
69130543554	54 x 35 x 54	2	8
69130544254	54 x 42 x 54	2	8
69130642264	64 x 22 x 64	1	10
69130642864	64 x 28 x 64	1	10
69130643564	64 x 35 x 64	1	7
69130644264	64 x 42 x 64	1	7
69130645464	64 x 54 x 64	1	7
69130762276	76,1 x 22 x 76,1	1	5
69130762876	76,1 x 28 x 76,1	1	5
69130763576	76,1 x 35 x 76,1	1	5
69130764276	76,1 x 42 x 76,1	1	5
69130765476	76,1 x 54 x 76,1	1	4
69130766476	76,1 x 64 x 76,1	1	4
69130892289	88,9 x 22 x 88,9	1	4
69130892889	88,9 x 28 x 88,9	1	4
69130893589	88,9 x 35 x 88,9	1	4
69130894289	88,9 x 42 x 88,9	1	3
69130895489	88,9 x 54 x 88,9	1	3
69130896489	88,9 x 64 x 88,9	1	3
69130897689	88,9 x 76,1 x 88,9	1	2
6913010822108	108,0 x 22 x 108,0	1	2
6913010828108	108,0 x 28 x 108,0	1	2
6913010835108	108,0 x 35 x 108,0	1	2
6913010842108	108,0 x 42 x 108,0	1	2
6913010854108	108,0 x 54 x 108,0	1	1
6913010864108	108,0 x 64 x 108,0	1	1
6913010876108	108,0 x 76,1 x 108,0	1	1
6913010889108	108,0 x 88,9 x 108,0	1	1

9130G

AUG 009

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
69130G151215	15 x 1/2 x 15	10	80
69130G181218	18 x 1/2 x 18	10	80
69130G183418	18 x 3/4 x 18	10	70
69130G221222	22 x 1/2 x 22	5	60
69130G223422	22 x 3/4 x 22	10	50
69130G281228	28 x 1/2 x 28	5	40
69130G283428	28 x 3/4 x 28	5	40
69130G28128	28 x 1 x 28	5	40
69130G351235	35 x 1/2 x 35	2	30
69130G353435	35 x 3/4 x 35	2	30
69130G3511435	35 x 1 1/4 x 35	2	24
69130G421242	42 x 1/2 x 42	2	20
69130G423442	42 x 3/4 x 42	2	20
69130G4211242	42 x 1 1/2 x 42	2	12
69130G541254	54 x 1/2 x 54	2	12
69130G543454	54 x 3/4 x 54	2	12
69130G54254	54 x 2 x 54	2	8
69130G763476	76,1 x 3/4 x 76,1	1	4
69130G76176	76,1 x 1 x 76,1	1	4
69130G76276	76,1 x 2 x 76,1	1	4
69130G893489	88,9 x 3/4 x 88,9	1	4
69130G89289	88,9 x 2 x 88,9	1	4
69130G10834108	108,0 x 3/4 x 108,0	1	2
69130G1082108	108,0 x 2 x 108,0	1	2

9240

AUG 009

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
692401815	18 x 15	10	200
692402215	22 x 15	10	150
692402218	22 x 18	10	150
692402822	28 x 22	10	100

Product catalogue | 2018 | (Series 9000)

9243

AUG 009

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
692431815	18a x 15	10	300
692432215	22a x 15	10	200
692432218	22a x 18	10	200
692432815	28a x 15	5	120
692432818	28a x 18	5	100
692432822	28a x 22	5	120
692433518	35a x 18	2	70
692433522	35a x 22	2	70
692433528	35a x 28	2	60
692434222	42a x 22	2	40
692434228	42a x 28	2	40
692434235	42a x 35	2	40
692435428	54a x 28	2	30
692435435	54a x 35	2	30
692435442	54a x 42	2	30
692436442	64a x 42	2	20
692436454	64a x 54	2	20
692437654	76,1a x 54	2	16
692437664	76,1a x 64	1	12
692438954	88,9a x 54	2	8
692438964	88,9a x 64	2	8
692438976	88,9a x 76,1	2	8
6924310854	108,0a x 54	2	4
6924310864	108,0a x 64	2	4
6924310876	108,0a x 76,1	2	4
6924310889	108,0a x 88,9	2	4

9243G

AUG 009

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
69243G1538	15 x 3/8	10	300
69243G1512	15 x 1/2	10	250
69243G1534	15 x 3/4	10	200
69243G1812	18 x 1/2	10	250
69243G1834	18 x 3/4	10	200
69243G2212	22 x 1/2	10	180
69243G2234	22 x 3/4	10	200
69243G221	22 x 1	10	150

9243G

AUG 009

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
69243G2834	28 x 3/4	5	100
69243G281	28 x 1	5	90
69243G3512	35 x 1/2	2	
69243G3534	35 x 3/4	2	
69243G351	35 x 1	2	60
69243G35114	35 x 1 1/4	2	40
69243G4234	42 x 3/4	2	
69243G42112	42 x 1 1/2	2	30
69243G542	54 x 2	2	20
69243G64212	64 x 2 1/2	1	14
69243G76212	76,1 x 2 1/2	1	8
69243G893	88,9 x 3	1	6
69243G1084	108,0 x 4	1	4

9246G

AUG 009

Transition element, with male plain end and female thread



Article No.	Dimension	Bag	Box
69246G1512	15a x 1/2	10	200
69246G1812	18a x 1/2	10	200
69246G1834	18a x 3/4	10	150
69246G2212	22a x 1/2	10	180
69246G2234	22a x 3/4	10	120
69246G2834	28a x 3/4	5	100

9250

AUG 009

Male adaptor, with male plain and groove for tube coupling



Article No.	Dimension	Bag	Box
6925028337	28 x 33,7	5	80
6925035424	35 x 42,4	2	50
6925042483	42 x 48,3	2	40
6925054603	54 x 60,3	2	28
69250761761	76,1 x 76,1	1	10
69250889889	88,9 x 88,9	1	6
69250108114	108 x 114	1	5

Product catalogue | 2018 | (Series 9000)

9270

AUG 009

Coupling, female/female end



Article No.	Dimension	Bag	Box
6927015	15	10	300
6927018	18	10	200
6927022	22	10	150
6927028	28	5	80
6927035	35	2	50
6927042	42	2	30
6927054	54	2	24
6927064	64	1	20
6927076	76,1	1	10
6927089	88,9	1	6
69270108	108,0	1	4

9270S

AUG 009

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
69270S15	15	10	200
69270S18	18	10	150
69270S22	22	10	100
69270S28	28	5	80
69270S35	35	2	50
69270S42	42	2	40
69270S54	54	2	20
69270S64	64	1	12
69270S76	76,1	1	10
69270S89	88,9	1	4
69270S108	108,0	1	3

9270F

AUG 009

Transition coupling with masonry anchor, with female end and female thread



Article No.	Dimension	Bag	Box
69270F1512	15 x 1/2	10	150

9280

AUG 009

Threaded adaptor, male/male thread



Article No.	Dimension	Bag	Box
6928012	1/2	10	230
6928034	3/4	10	140
692801	1	5	120

9270G

AUG 009

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
69270G1512	15 x 1/2	10	200
69270G1534	15 x 3/4	10	180
69270G1812	18 x 1/2	10	200
69270G1834	18 x 3/4	10	170
69270G2212	22 x 1/2	10	170
69270G2234	22 x 3/4	10	150
69270G221	22 x 1	10	120
69270G2834	28 x 3/4	5	100
69270G281	28 x 1	5	80
69270G35114	35 x 1 1/4	2	36
69270G42112	42 x 1 1/2	2	28
69270G542	54 x 2	2	20
69270G64212	64 x 2 1/2	1	12

9280G

AUG 009

Adaptor with male plain end and male thread



Article No.	Dimension	Bag	Box
69280G1512	15a x 1/2	10	200
69280G1812	18a x 1/2	10	150
69280G1834	18a x 3/4	10	180
69280G2212	22a x 1/2	10	120
69280G2234	22a x 3/4	10	100
69280G281	28a x 1	5	100
69280G542	54a x 2	2	20

Product catalogue | 2018 | (Series 9000)

9301

AUG 009

Cap, female end



Article No.	Dimension	Bag	Box	
6930115	15	10	400	
6930118	18	10	300	
6930122	22	10	200	
6930128	28	5	150	
6930135	35	2	80	
6930142	42	2	50	
6930154	54	2	30	
6930176	76,1	1	20	
6930189	88,9	1	14	
69301108	108,0	1	10	

9301E

AUG 009

Cap, female end, for bleeding air



Article No.	Dimension	Bag	Box	
69301E7634	76 x 3/4	1	o.r.	66,85
69301E8934	88,9 x 3/4	1	o.r.	75,00
69301E10834	108 x 3/4	1	6	84,52

9330

AUG 009

Union, with flat seal, stainless steel nut, female/female end



Article No.	Dimension	Bag	Box	
6933015	15	5	120	
6933018	18	5	80	
6933022	22	5	50	
6933028	28	5	35	
6933035	35	2	30	
6933042	42	2	20	
6933054	54	2	12	

9330G

AUG 009

Union, with flat seal, brass nut, with female end and female thread



Article No.	Dimension	Bag	Box	
69330G1534	15 x 3/4	5	100	
69330G1834	18 x 3/4	5	80	
69330G2234	22 x 3/4	5	50	
69330G221	22 x 1	5	50	
69330G2834	28 x 3/4	5	50	
69330G281	28 x 1	5	40	
69330G35114	35 x 1 1/4	2	30	
69330G42112	42 x 1 1/2	2	20	
69330G542	54 x 2	2	12	

9330GMVA

AUG 009

Union, with flat seal, stainless steel nut, with female end and female thread



Article No.	Dimension	Bag	Box	
69330GMVA1512	15 x 1/2	5	120	
69330GMVA1534	15 x 3/4	5	100	
69330GMVA1834	18 x 3/4	5	80	
69330GMVA2234	22 x 3/4	5	50	
69330GMVA221	22 x 1	5	50	
69330GMVA2834	28 x 3/4	5	50	
69330GMVA281	28 x 1	5	40	
69330GMVA35114	35 x 1 1/4	2	30	
69330GMVA42112	42 x 1 1/2	2	20	
69330GMVA542	54 x 2	2	12	

9333G

AUG 009

Union, with flat seal, brass nut, with female end and male thread



Article No.	Dimension	Bag	Box	
69333G1512	15 x 1/2	5	150	
69333G1534	15 x 3/4	5	120	
69333G1812	18 x 1/2	5	100	
69333G2234	22 x 3/4	5	60	
69333G281	28 x 1	5	50	
69333G35114	35 x 1 1/4	2	40	
69333G42112	42 x 1 1/2	2	20	
69333G542	54 x 2	2	12	

Product catalogue | 2018 | (Series 9000)

9333GMVA

AUG 009

Union, with flat seal, stainless steel nut, with female end and male thread



Article No.	Dimension	Bag	Box
69333GMVA1512	15 x 1/2	5	150
69333GMVA1534	15 x 3/4	5	120
69333GMVA1812	18 x 1/2	5	100
69333GMVA2234	22 x 3/4	5	60
69333GMVA281	28 x 1	5	50
69333GMVA35114	35 x 1 1/4	2	40
69333GMVA42112	42 x 1 1/2	2	20
69333GMVA542	54 x 2	2	12

9359M

AUG 009

Union adaptor with flat seal, stainless steel nut, female end



Article No.	Dimension	Bag	Box
69359M1512	15 x 1/2	5	250
69359M1534	15 x 3/4	5	200
69359M1834	18 x 3/4	5	200
69359M221	22 x 1	5	130
69359M28114	28 x 1 1/4	5	50
69359M35112	35 x 1 1/2	2	50
69359M42112	42 x 1 1/2	2	o.r.
69359M42134	42 x 13/4	2	34
69359M422	42 x 2	2	o.r.
69359M542	54 x 2	2	22
69359M54238	54 x 23/8	2	20
69359M54212	54 x 21/2	2	o.r.

9359MMS

AUG 009

NiroSan union adaptor, brass nut



Article No.	Dimension	Bag	Box
69359MMS1512	15 x 1/2	5	250
69359MMS1534	15 x 3/4	5	200
69359MMS1834	18 x 3/4	5	200
69359MMS221	22 x 1	5	130
69359MMS28114	28 x 1 1/4	5	50
69359MMS35112	35 x 1 1/2	2	50
69359MMS42134	42 x 13/4	2	34
69359MMS54238	54 x 23/8	2	20

9370G

AUG 009

Threaded hexagon adaptor, female/male thread



Article No.	Dimension	Bag	Box
69370G3434	3/4 x 3/4	5	120
69370G11	1 x 1	5	100

9471

AUG 009

Wall plate with sound insulation, with female end and female thread



Article No.	Dimension	Bag	Box
694711512	15 x 1/2	2	30

9472G

AUG 009

Wall plate with universal flange, with female end and female thread



Article No.	Dimension	Bag	Box
69472G1512	15 x 1/2	10	90
69472G1812	18 x 1/2	10	80
69472G2234	22 x 3/4	10	60
69472G2834	28 x 3/4	o.r.	o.r.

9478GZ

AUG 009

Double wall plate for circulation installation, with male ends and female thread



Article No.	Dimension	Bag	Box
69478GZ151215	15 x 1/2 x 15	1	40
69478GZ151218	15 x 1/2 x 18	1	40
69478GZ151222	15 x 1/2 x 22	1	0
69478GZ181215	18 x 1/2 x 15	1	40
69478GZ181218	18 x 1/2 x 18	1	40
69478GZ181222	18 x 1/2 x 22	1	0
69478GZ221215	22 x 1/2 x 15	1	0
69478GZ221218	22 x 1/2 x 18	1	0
69478GZ221222	22 x 1/2 x 22	1	30

Product catalogue | 2018 | (Series 9000)

9478IGZ

AUG 009

Double wall flange with female end/ threads



Article No.	Dimension	Bag	Box
69478IGZ12	1/2	1	50

9872

AUG 009

Axial compensator to compensate expansion, female/female end



Article No.	Dimension	Bag	Box
6987215	15	1	50
6987222	22	1	40
6987228	28	1	40
6987235	35	1	30
6987242	42	1	16
6987254	54	1	14
6987264	64	1	7
6987276	76,1	1	5
6987289	88,9	1	4
69872108	108,0	1	2

9872L

AUG 009

Axial compensator to compensate expansion, female/female end



Article No.	Dimension	Bag	Box
69872L15	15	1	
69872L18	18	1	120
69872L22	22	1	
69872L28	28	1	40
69872L35	35	1	
69872L42	42	1	20
69872L54	54	1	14
69872L64	64	1	
69872L76	76,1	1	5
69872L89	88,9	1	3
69872L108	108,0	1	2

9918

AUG 501

Stainless steel bracket, with sound insulation



Article No.	Dimension	Bag	Box
6991812	12	10	400
6991815	15	10	300
6991818	18	10	200
6991822	22	10	180
6991828	28	5	150
6991835	35	2	100
6991842	42	2	100
6991854	54	2	80

9980G

AUG 009

Installation set with wall flange, male end and male thread



Article No.	Dimension	Bag	Box
69980G1512	15 x 1/2	1	12
69980G1812	18 x 1/2	1	12

9981G

AUG 009

Installation set with double wall flange, male end and male thread



Article No.	Dimension	Bag	Box
69981G151215	15 x 1/2 x 15	1	o. r.
69981G151218	15 x 1/2 x 18	1	o. r.
69981G151222	15 x 1/2 x 22	1	o. r.
69981G181215	18 x 1/2 x 15	1	o. r.
69981G181218	18 x 1/2 x 18	1	o. r.
69981G181222	18 x 1/2 x 22	1	o. r.
69981G221215	22 x 1/2 x 15	1	o. r.
69981G221218	22 x 1/2 x 18	1	o. r.
69981G221222	22 x 1/2 x 22	1	o. r.

Product catalogue | 2018 | (Series 9000)

VA-PF

AUG 009

Press flange PN 10/16, with female end, for potable water and heating



Article No.	Dimension	Bag	Box
6VAPF15	DN 12 / 15	1	25
6VAPF18	DN 15 / 18	1	20
6VAPF22	DN 20 / 22	1	16
6VAPF28	DN 25 / 28	1	14
6VAPF35	DN 32 / 35	1	10
6VAPF42	DN 40 / 42	1	8
6VAPF54	DN 50 / 54	1	3
6VAPF64	DN 65 / 64	1	3
6VAPF76	DN 65 / 76,1	1	2
6VAPF89	DN 80 / 88,9	1	2
6VAPF108	DN 100 / 108,0	1	1

D-EPDM

AUG 602

Sealing ring



Article No.	Dimension	Bag	Box
1DEPDM38	3/8 nut 14 x 8 x 3	o. r.	o. r.
1DEPDM12	1/2 nut 18 x 11 x 3	o. r.	o. r.
1DEPDM34	3/4 nut 24 x 17 x 3	o. r.	o. r.
1DEPDM1	1 nut 30 x 21 x 3	o. r.	o. r.
1DEPDM114	1 1/4 nut 38 x 27 x 3	o. r.	o. r.
1DEPDM112	1 1/2 nut 44 x 32 x 3	o. r.	o. r.
1DEPDM134	13/4 nut 50 x 37 x 3	o. r.	o. r.
1DEPDM2	2 nut 55 x 42 x 3	o. r.	o. r.
1DEPDM238	23/8 nut 65 x 55 x 3	o. r.	o. r.
1DEPDM3	3 nut 85 x 70 x 3	o. r.	o. r.
1DEPDM312	3 1/2 nut 97 x 75 x 3	o. r.	o. r.

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D20	DN 20 (27 x 61 x 2 mm)	50	200
1D25	DN 25 (34 x 71 x 2 mm)	40	160
1D32	DN 32 (43 x 82 x 2 mm)	30	120
1D40	DN 40 (49 x 92 x 2 mm)	25	100
1D50	DN 50 (61 x 107 x 2 mm)	120	120
1D65	DN 65 (77 x 127 x 2 mm)	100	100
1D80	DN 80 (89 x 142 x 2 mm)	80	80
1D100	DN 100 (115 x 168 x 2 mm)	60	60

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

8982

AUG 009

Spacer for wall plate 9472G



Article No.	Dimension	Bag	Box
8898218	18 mm for 9472g 22x3/4	1	400
8898219	19 mm for 9472g 18x1/2	10	400
8898225	25 mm for 9472g 15x1/2	1	250

Product catalogue | 2018 | (Series 9000)

8984

AUG 556

Sound insulation for wall plates 9478GZ



Article No.	Dimension	Bag	Box
88984		6	30

8987

AUG 556

Sound insulation for wall plates 9472G & 91472G



Article No.	Dimension	Bag	Box
88987	15 x 1/2 + 18 x 1/2	6	30

4992

AUG 556

Tool for marking of insertion depth for NiroSan® / NiroTherm®, with pen holder and magnet, 15 - 108 mm



Article No.	Dimension	Bag	Box
84992	15 - 108 mm	1	40



PIPING SYSTEMS | Stainless steel

NiroSan® Gas

(Series 17000)

combipress
= Tool Compatibility + Push & Stay
+ Leak Path Feature
exclusive from SANHA



NiroSan® Gas

Series 17000

The installation system consists of high-quality NiroSan® press fittings with yellow moulded sealing rings made of HNBR (hydrogenated nitrile butadiene rubber) and NiroSan® stainless steel system pipes according to EN 10312.

All NiroSan® press fittings are made of the material 1.4404 / AISI 316L and 1.4408 (for threaded fittings and stainless steel precision castings). The material contains at a minimum of 2.3 % molybdenum and a lower carbon content than the conventional steel quality 316. For this reason material no 1.4404/316L is a superior material with higher corrosion resistance than standard stainless steels.

The NiroSan® press system is certified in accordance with all relevant international certification bodies.

Operating conditions for the NiroSan® Gas press system

Outer pipe diameter	Operating pressure
Flammable gases	
d ≤ 108 mm	5 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature NiroSan® Gas press fittings with HNBR-seal	-20 °C – +75 °C
Type of thread: pipe thread: R/Rp thread according to EN 10226, fastening thread (union nut): G thread according to ISO 228	

Features

- **Combipress =**
 - + **tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Leak path feature** (certified forced leakage before pressing with EPDM and HNBR sealing rings) in combination with
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Fast installation, no risk of fire**
The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. NiroSan® installation systems are therefore ideally suited for renovation work.
- **High corrosion resistance**
The premium stainless steel type 1.4404 (316L) and the exceptionally smooth, passivated surface of pipes and fittings lead to an excellent corrosion resistance.
- **Great flexibility**
 - **All dimensions from 15 to 108 mm**
 - **Reliable, permanent connection with NiroSan® stainless steel system pipes:**
 - NiroSan® (1.4404/316L), TIG-welded, annealed, low carbon, high (≥ 2,3%) molybdenum content for increased corrosion resistance. Labelled in black lettering.
 - NiroSan® ECO (1.4404/316L), optimised wall thickness, TIG-welded, annealed, low carbon, high (≥ 2,3%) molybdenum content for increased corrosion resistance.
 - Thread according to EN 10226 and/or ISO7/1 Typ R and Rp

Areas of application

Natural gas, liquid gas (up to PN 5)	Ship building	
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 17000)

9000

AUG 472

NiroSan® system pipe, material no. 1.4404 in 6 m lengths



Article No.	Dimension	Bag	Box*
6900015	15 x 1,0		600
6900018	18 x 1,0		240
6900022	22 x 1,2		420
6900028	28 x 1,2		240
6900035	35 x 1,5		180
6900042	42 x 1,5		120
6900054	54 x 1,5		60
6900076	76,1 x 2,0		30
6900089	88,9 x 2,0		30
6900108	108,0 x 2,0		30

9500

AUG 472

NiroSan® system pipe, material no. 1.4404 (316L), in 3 m lengths



Article No.	Dimension	Bag	Box*
6950015	15 x 1,0		300
6950018	18 x 1,0		120
6950022	22 x 1,2		210
6950028	28 x 1,2		120
6950035	35 x 1,5		90
6950042	42 x 1,5		60
6950054	54 x 1,5		30
6950076	76,1 x 2,0		15
6950089	88,9 x 2,0		15
6950108	108,0 x 2,0		15

9600

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 6 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6960015	15 x 0,6		600
6960018	18 x 0,7		240
6960022	22 x 0,7		420
6960028	28 x 0,8		240
6960035	35 x 1,0		180

9600

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 6 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6960042	42 x 1,1		120
6960054	54 x 1,2		60
6960076	76,1 x 1,5		30
6960089	88,9 x 1,5		30
6960108	108 x 1,5		30

9650

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 3 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6965015	15 x 0,6		o. r.
6965018	18 x 0,7		o. r.
6965022	22 x 0,7		o. r.
6965028	28 x 0,8		o. r.
6965035	35 x 1,0		o. r.
6965042	42 x 1,1		o. r.
6965054	54 x 1,2		o. r.
6965076	76,1 x 1,5		o. r.
6965089	88,9 x 1,5		o. r.
6965108	108 x 1,5		o. r.

17001A

AUG 010

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box*
617001A15	15	10	200
617001A18	18	10	150
617001A22	22	10	100
617001A28	28	5	60
617001A35	35	2	30
617001A42	42	2	20
617001A54	54	2	10
617001A76	76,1	1	4
617001A89	88,9	1	2
617001A108	108,0	1	1

Product catalogue | 2018 | (Series 17000)

17002A

AUG 010

Bend 90°, female/female end



Article No.	Dimension	Bag	Box*
617002A15	15	10	200
617002A18	18	10	150
617002A22	22	10	100
617002A28	28	5	60
617002A35	35	2	30
617002A42	42	2	20
617002A54	54	2	10
617002A76	76,1	1	4
617002A89	88,9	1	2
617002A108	108,0	1	1

17002G

AUG 010

Bend 90°, female end and female thread



Article No.	Dimension	Bag	Box*
617002G1512	15 x 1/2	10	100
617002G1834	18 x 3/4	10	70
617002G2234	22 x 3/4	10	60
617002G281	28 x 1	5	30
617002G35114	35 x 1 1/4	2	20

17002AG

AUG 010

Bend 90°, female end and male thread



Article No.	Dimension	Bag	Box*
617002AG1512	15 x 1/2	10	120
617002AG1812	18 x 1/2	10	100
617002AG1834	18 x 3/4	10	80
617002AG2234	22 x 3/4	10	80
617002AG281	28 x 1	5	40
617002AG35114	35 x 1 1/4	2	20
617002AG42112	42 x 1 1/2	2	10
617002AG542	54 x 2	2	6

9003

AUG 009

Bend 90°, male plain ends



Article No.	Dimension	Bag	Box
6900315	15	10	100
6900318	18	10	80
6900322	22	10	50
6900328	28	5	30
6900335	35	2	20
6900342	42	2	10
6900354	54	2	6

9003G

AUG 009

Bend 90°, male plain end and female thread



Article No.	Dimension	Bag	Box
69003G1812	18 x 1/2	10	80

17040

AUG 010

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
61704015	15	10	250
61704018	18	10	200
61704022	22	10	120
61704028	28	5	80
61704035	35	2	40
61704042	42	2	26
61704054	54	2	14
61704076	76,1	1	5
61704089	88,9	1	3
617040108	108,0	1	2

Product catalogue | 2018 | (Series 17000)

17041

AUG 010

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
61704115	15	10	250
61704118	18	10	200
61704122	22	10	120
61704128	28	5	70
61704135	35	2	44
61704142	42	2	26
61704154	54	2	14
61704176	76,1	1	5
61704189	88,9	1	3
617041108	108,0	1	2

9042

AUG 009

Bend 45°, male plain ends



Article No.	Dimension	Bag	Box
6904235	35	2	20
6904242	42	2	6

9043

AUG 009

Bend 15°, male plain ends



Article No.	Dimension	Bag	Box
6904315	15	10	100
6904318	18	10	90
6904335	35	2	20
6904354	54	1	2

9044

AUG 009

Bend 30°, male plain ends



Article No.	Dimension	Bag	Box
6904415	15	10	100
6904418	18	10	90
6904435	35	2	20

9045

AUG 009

Bend 75°, male plain ends



Article No.	Dimension	Bag	Box
6904515	15	10	130
6904518	18	10	80
6904522	22	10	60
6904535	35	2	20
6904542	42	2	10
6904554	54	2	4

9058

AUG 009

Bend 60°, male plain ends



Article No.	Dimension	Bag	Box
6905815	15	10	100
6905818	18	10	80
6905822	22	10	60
6905828	28	5	40
6905842	42	2	10
6905854	54	2	4
6905876	76,1	1	12
6905889	88,9	1	3
69058108	108,0	1	1

9087

AUG 009

Crossover, male/male plain end



Article No.	Dimension	Bag	Box
6908715	15	10	120
6908718	18	10	80
6908722	22	10	50
6908728	28	5	40

Product catalogue | 2018 | (Series 17000)

17090IG

AUG 010

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
617090IG1512	15 x 1/2	10	180
617090IG1834	18 x 3/4	10	120
617090IG2234	22 x 3/4	10	100
617090IG281	28 x 1	5	50
617090IG35114	35 x 1 1/4	2	30

17092AG

AUG 010

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
617092AG1512	15 x 1/2	10	200
617092AG1834	18 x 3/4	10	120
617092AG2234	22 x 3/4	10	100
617092AG2834	28 x 3/4	5	75
617092AG281	28 x 1	5	50
617092AG35114	35 x 1 1/4	2	40

17130

AUG 010

Tee, female ends



Article No.	Dimension	Bag	Box
61713015	15	10	120
61713018	18	10	100
61713022	22	10	60
61713028	28	5	40
61713035	35	2	24
61713042	42	2	16
61713054	54	2	8
61713076	76,1	1	3
61713089	88,9	1	2
617130108	108,0	1	1
617130181515	18 x 15 x 15	10	120
617130181518	18 x 15 x 18	10	100
617130221515	22 x 15 x 15	10	100
617130221522	22 x 15 x 22	10	70
617130221818	22 x 18 x 18	10	80
617130221822	22 x 18 x 22	10	60
617130281528	28 x 15 x 28	5	50

17130

AUG 010

Tee, female ends



Article No.	Dimension	Bag	Box
617130281828	28 x 18 x 28	5	40
617130282222	28 x 22 x 22	5	60
617130282228	28 x 22 x 28	5	40
617130351535	35 x 15 x 35	2	30
617130351835	35 x 18 x 35	2	30
617130352235	35 x 22 x 35	2	26
617130352835	35 x 28 x 35	2	26
617130421842	42 x 18 x 42	2	22
617130422242	42 x 22 x 42	2	18
617130422842	42 x 28 x 42	2	18
617130423542	42 x 35 x 42	2	16
617130542254	54 x 22 x 54	2	10
617130542854	54 x 28 x 54	2	10
617130543554	54 x 35 x 54	2	8
617130544254	54 x 42 x 54	2	8
617130762276	76,1 x 22 x 76,1	1	5
617130762876	76,1 x 28 x 76,1	1	5
617130763576	76,1 x 35 x 76,1	1	5
617130764276	76,1 x 42 x 76,1	1	5
617130765476	76,1 x 54 x 76,1	1	4
617130892289	88,9 x 22 x 88,9	1	4
617130892889	88,9 x 28 x 88,9	1	4
617130893589	88,9 x 35 x 88,9	1	4
617130894289	88,9 x 42 x 88,9	1	3
617130895489	88,9 x 54 x 88,9	1	3
617130897689	88,9 x 76,1 x 88,9	1	2
61713010822108	108,0 x 22 x 108,0	1	2
61713010835108	108,0 x 35 x 108,0	1	2
61713010842108	108,0 x 42 x 108,0	1	2
61713010854108	108,0 x 54 x 108,0	1	1
61713010876108	108,0 x 76,1 x 108,0	1	1
61713010889108	108,0 x 88,9 x 108,0	1	1

17130G

AUG 010

Tee, with female thread and female/female end



Article No.	Dimension	Bag	Box
617130G151215	15 x 1/2 x 15	10	80
617130G181218	18 x 1/2 x 18	10	80
617130G183418	18 x 3/4 x 18	10	70
617130G221222	22 x 1/2 x 22	5	60

Product catalogue | 2018 | (Series 17000)

17130G

AUG 010

Tee, with female thread and female/
female end



Article No.	Dimension	Bag	Box
617130G223422	22 x 3/4 x 22	10	50
617130G281228	28 x 1/2 x 28	5	40
617130G283428	28 x 3/4 x 28	5	40
617130G28128	28 x 1 x 28	5	40
617130G351235	35 x 1/2 x 35	2	30
617130G353435	35 x 3/4 x 35	2	30
617130G3511435	35 x 1 1/4 x 35	2	24
617130G421242	42 x 1/2 x 42	2	20
617130G423442	42 x 3/4 x 42	2	20
617130G4211242	42 x 1 1/2 x 42	2	12
617130G541254	54 x 1/2 x 54	2	12
617130G543454	54 x 3/4 x 54	2	12
617130G763476	76,1 x 3/4 x 76,1	1	4
617130G54254	54 x 2 x 54	2	8
617130G76276	76,1 x 2 x 76,1	1	4
617130G893489	88,9 x 3/4 x 88,9	1	4
617130G89289	88,9 x 2 x 88,9	1	4
617130G10834108	108,0 x 3/4 x 108,0	1	2
617130G1082108	108,0 x 2 x 108,0	1	2

17243

AUG 010

Fitting reducer, with female and male
plain end



Article No.	Dimension	Bag	Box
6172431815	18a x 15	10	300
6172432215	22a x 15	10	200
6172432218	22a x 18	10	200
6172432815	28a x 15	5	120
6172432818	28a x 18	5	100
6172432822	28a x 22	5	120
6172433518	35a x 18	2	70
6172433522	35a x 22	2	70
6172433528	35a x 28	2	60
6172434222	42a x 22	2	40
6172434228	42a x 28	2	40
6172434235	42a x 35	2	40
6172435428	54a x 28	2	30
6172435435	54a x 35	2	30
6172435442	54a x 42	2	30
6172437654	76,1a x 54	2	16
6172438954	88,9a x 54	2	8

17243

AUG 010

Fitting reducer, with female and male
plain end



Article No.	Dimension	Bag	Box
6172438976	88,9a x 76,1	2	8
61724310854	108,0a x 54	2	4
61724310876	108,0a x 76,1	2	4
61724310889	108,0a x 88,9	2	4

17243G

AUG 010

Male adaptor, with female end and male
thread



Article No.	Dimension	Bag	Box
617243G1538	15 x 3/8	10	300
617243G1512	15 x 1/2	10	250
617243G1534	15 x 3/4	10	200
617243G1812	18 x 1/2	10	250
617243G1834	18 x 3/4	10	200
617243G2212	22 x 1/2	10	180
617243G2234	22 x 3/4	10	200
617243G221	22 x 1	10	150
617243G2834	28 x 3/4	5	100
617243G281	28 x 1	5	90
617243G351	35 x 1	2	60
617243G35114	35 x 1 1/4	2	40
617243G42112	42 x 1 1/2	2	30
617243G542	54 x 2	2	20
617243G76212	76,1 x 2 1/2	1	8
617243G893	88,9 x 3	1	6
617243G1084	108,0 x 4	1	4

9246G

AUG 009

Transition element, with male plain end
and female thread



Article No.	Dimension	Bag	Box
69246G1512	15a x 1/2	10	200
69246G1812	18a x 1/2	10	200
69246G1834	18a x 3/4	10	150
69246G2212	22a x 1/2	10	180
69246G2234	22a x 3/4	10	120
69246G2834	28a x 3/4	5	100

Product catalogue | 2018 | (Series 17000)

17270

AUG 010

Coupling, female/female end



Article No.	Dimension	Bag	Box
61727015	15	10	300
61727018	18	10	200
61727022	22	10	150
61727028	28	5	80
61727035	35	2	50
61727042	42	2	30
61727054	54	2	24
61727076	76,1	1	10
61727089	88,9	1	6
617270108	108,0	1	4

17270G

AUG 010

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
617270G1512	15 x 1/2	10	200
617270G1534	15 x 3/4	10	180
617270G1812	18 x 1/2	10	200
617270G1834	18 x 3/4	10	170
617270G2212	22 x 1/2	10	170
617270G2234	22 x 3/4	10	150
617270G221	22 x 1	10	120
617270G2834	28 x 3/4	5	100
617270G281	28 x 1	5	80
617270G35114	35 x 1 1/4	2	36
617270G42112	42 x 1 1/2	2	28
617270G542	54 x 2	2	20

17270S

AUG 010

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
617270S15	15	10	200
617270S18	18	10	150
617270S22	22	10	100
617270S28	28	5	80
617270S35	35	2	50
617270S42	42	2	40

17270S

AUG 010

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
617270S54	54	2	20
617270S76	76,1	1	10
617270S89	88,9	1	4
617270S108	108,0	1	3

9280

AUG 009

Threaded adaptor, male/male thread



Article No.	Dimension	Bag	Box
6928012	1/2	10	230
6928034	3/4	10	140
692801	1	5	120

9280G

AUG 009

Adaptor with male plain end and male thread



Article No.	Dimension	Bag	Box
69280G1512	15a x 1/2	10	200
69280G1812	18a x 1/2	10	150
69280G1834	18a x 3/4	10	180
69280G2212	22a x 1/2	10	120
69280G2234	22a x 3/4	10	100
69280G281	28a x 1	5	100

17301

AUG 010

Cap, female end



Article No.	Dimension	Bag	Box
61730115	15	10	400
61730118	18	10	300
61730122	22	10	200
61730128	28	5	150
61730135	35	2	80
61730142	42	2	50
61730154	54	2	30

Product catalogue | 2018 | (Series 17000)

17330GMVA

AUG 010

Union, with flat seal, stainless steel nut, with female end and female thread



Article No.	Dimension	Bag	Box
617330GMVA1512	15 x 1/2	5	120
617330GMVA1534	15 x 3/4	5	100
617330GMVA1834	18 x 3/4	5	80
617330GMVA2234	22 x 3/4	5	50
617330GMVA221	22 x 1	5	50
617330GMVA2834	28 x 3/4	5	50
617330GMVA281	28 x 1	5	40
617330GMVA35114	35 x 1 1/4	2	30
617330GMVA42112	42 x 1 1/2	2	20
617330GMVA542	54 x 2	2	12

17333GMVA

AUG 010

Union, with flat seal, stainless steel nut, with female end and male thread



Article No.	Dimension	Bag	Box
617333GMVA1512	15 x 1/2	5	150
617333GMVA1534	15 x 3/4	5	120
617333GMVA1812	18 x 1/2	5	100
617333GMVA2234	22 x 3/4	5	60
617333GMVA281	28 x 1	5	50
617333GMVA35114	35 x 1 1/4	2	40
617333GMVA42112	42 x 1 1/2	2	20
617333GMVA542	54 x 2	2	12

17359M

AUG 010

Union adaptor with flat seal, stainless steel nut, female end



Article No.	Dimension	Bag	Box
617359M1512	15 x 1/2	5	250
617359M1534	15 x 3/4	5	200
617359M1834	18 x 3/4	5	200
617359M221	22 x 1	5	130
617359M28114	28 x 1 1/4	5	50
617359M35112	35 x 1 1/2	5	50
617359M42134	42 x 13/4	2	34
617359M54238	54 x 23/8	2	20

17360G

AUG 010

Union adaptor, conical sealing, female end, for gas meter valve, for single-pipe meters



Article No.	Dimension	Bag	Box
6173601578	15 x 7/8	5	150
61736022118	22 x 1 1/8	5	100

9370G

AUG 009

Threaded hexagon nipple, female/male thread



Article No.	Dimension	Bag	Box
69370G3434	3/4 x 3/4	5	120
69370G11	1 x 1	5	100

17472G

AUG 010

Wall plate with universal flange, with female end and female thread



Article No.	Dimension	Bag	Box
617472G1512	15 x 1/2	10	90
617472G1812	18 x 1/2	10	80
617472G2234	22 x 3/4	10	60
617472G2834	28 x 3/4	o.r.	o.r.

9918

AUG 501

Stainless steel bracket, with sound insulation



Article No.	Dimension	Bag	Box
6991812	12	10	400
6991815	15	10	300
6991818	18	10	200
6991822	22	10	180
6991828	28	5	150
6991835	35	2	100
6991842	42	2	100
6991854	54	2	80

Product catalogue | 2018 | (Series 17000)

17-VA-PF

AUG 010

Press Flange, with female end, for gas installation



Article No.	Dimension	Bag	Box
617VAPF18	DN 15 / 18	1	20
617VAPF22	DN 20 / 22	1	16
617VAPF28	DN25 / 28	1	14
617VAPF35	DN 32 / 35	1	10
617VAPF42	DN 40 / 42	1	8
617VAPF54	DN 50 / 54	1	3
617VAPF76	DN 65 / 76,1	1	2
617VAPF89	DN 80 / 88,9	1	2
617VAPF108	DN 100 / 108,0	1	1

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D20	DN 20 (27 x 61 x 2 mm)	50	200
1D25	DN 25 (34 x 71 x 2 mm)	40	160
1D32	DN 32 (43 x 82 x 2 mm)	30	120
1D40	DN 40 (49 x 92 x 2 mm)	25	100
1D50	DN 50 (61 x 107 x 2 mm)	120	120
1D65	DN 65 (77 x 127 x 2 mm)	100	100
1D80	DN 80 (89 x 142 x 2 mm)	80	80
1D100	DN 100 (115 x 168 x 2 mm)	60	60

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

4992

AUG 556

Tool for marking of insertion depth for NiroSan® / NiroTherm®, with pen holder and magnet, 15 - 108 mm



Article No.	Dimension	Bag	Box
84992	15 - 108 mm	1	40



PIPING SYSTEMS | Stainless steel

NiroSan® Industry

(Series 18000)



NiroSan® Industry

Series 18000

The premium installation system consists of high-grade NiroSan®-Industry press fittings with a red moulded sealing ring made from FKM (fluoro carbon elastomers) for temperatures of up to 200 °C and NiroSan® stainless steel system pipes according to EN 10312.

All NiroSan® Industry press fittings are made from the premium stainless steel type 1.4404 / AISI 316L and 1.4408 (for precision cast threaded stainless steel components). The material 1.4404 contains at least 2.3 % molybdenum, with less carbon than the conventional type 1.4401. For this reason material no 1.4404/316L is a superior material with higher corrosion resistance than standard stainless steels.

The NiroSan® Industry press system and its components are certified in accordance with the rules and regulations of all relevant international certification bodies.

Operating conditions for the NiroSan® Industry press system

Outside pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature NiroSan® Industry press fittings with FKM sealing ring	-20° C - +200° C
Type of thread: R/Rp thread according to EN 10226, fastening thread: G thread according to ISO 228	

Features

- **Tool compatibility and Push & Stay**
+ Tool compatibility: pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm as well as Push & Stay function for safe, reliable installation in every location.
- **Fast installation, no risk of fire**
The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. NiroSan® installation systems are therefore ideally suited for renovation work.
- **High corrosion resistance**
The premium stainless steel type 1.4404 (316L) and the exceptionally smooth, passivated surface of pipes and fittings lead to an excellent corrosion resistance.
- **Exceptional flexibility**
 - **All dimensions from 15 to 108 mm**
 - **Reliable, permanent connection with NiroSan® stainless steel system pipes:**
 - NiroSan® (1.4404/316L), TIG-welded, annealed, low carbon, high (≥ 2,3 %) molybdenum content for increased corrosion resistance. Labelled in black lettering.
 - NiroSan® ECO (1.4404/316L), optimised wall thickness, TIG-welded, annealed, low carbon, high (≥ 2,3 %) molybdenum content for increased corrosion resistance.
 - NiroSan®-F (1.4521/444), TIG-welded, pickled for improved corrosion resistance, nickle-free
 - NiroTherm® (1.4301/304), optimised wall thickness, TIG-welded, annealed for improved corrosion resistance (not for drinking water).
- **Thread according to EN 10226 and/or ISO7/1 Typ R and Rp**

Areas of application

Heating	Rainwater	Compressed air	Fire extinguishing systems
Sprinkler systems (wet)	Inert gases	Technical gases	Cooling water pipes
Ship Building	Solar systems	District heating supply systems	Low pressure gas systems

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

9000

AUG 472

NiroSan® system pipe, material no. 1.4404 in 6 m lengths



Article No.	Dimension	Bag	Box*
6900015	15 x 1,0		600
6900018	18 x 1,0		240
6900022	22 x 1,2		420
6900028	28 x 1,2		240
6900035	35 x 1,5		180
6900042	42 x 1,5		120
6900054	54 x 1,5		60
6900076	76,1 x 2,0		30
6900089	88,9 x 2,0		30
69000108	108,0 x 2,0		30

9100

AUG 480

NiroTherm® system pipe, material no. 1.4301, reduced wall thickness, in 6 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6910015	15 x 0,6		600
6910018	18 x 0,7		240
6910022	22 x 0,7		420
6910028	28 x 0,8		240
6910035	35 x 1,0		180
6910042	42 x 1,1		120
6910054	54 x 1,2		60
6910076	76,1 x 1,5		30
6910089	88,9 x 1,5		30
69100108	108 x 1,5		30

9150

AUG 480

NiroTherm® system pipe, material no. 1.4301 (304), reduced wall thickness, in 3 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6915015	15 x 0,6		300
6915018	18 x 0,7		120
6915022	22 x 0,7		210
6915028	28 x 0,8		120
6915035	35 x 1,0		90

9150

AUG 480

NiroTherm® system pipe, material no. 1.4301 (304), reduced wall thickness, in 3 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6915042	42 x 1,1		60
6915054	54 x 1,2		30
6915076	76,1 x 1,5		15
6915089	88,9 x 1,5		15
69150108	108 x 1,5		15

9500

AUG 472

NiroSan® system pipe, material no. 1.4404 (316L), in 3 m lengths



Article No.	Dimension	Bag	Box*
6950015	15 x 1,0		300
6950018	18 x 1,0		120
6950022	22 x 1,2		210
6950028	28 x 1,2		120
6950035	35 x 1,5		90
6950042	42 x 1,5		60
6950054	54 x 1,5		30
6950076	76,1 x 2,0		15
6950089	88,9 x 2,0		15
69500108	108,0 x 2,0		15

9600

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 6 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6960015	15 x 0,6		600
6960018	18 x 0,7		240
6960022	22 x 0,7		420
6960028	28 x 0,8		240
6960035	35 x 1,0		180
6960042	42 x 1,1		120
6960054	54 x 1,2		60
6960076	76,1 x 1,5		30
6960089	88,9 x 1,5		30
69600108	108 x 1,5		30

Product catalogue | 2018 | (Series 18000)

9650

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 3 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6965015	15 x 0,6		o.r.
6965018	18 x 0,7		o.r.
6965022	22 x 0,7		o.r.
6965028	28 x 0,8		o.r.
6965035	35 x 1,0		o.r.
6965042	42 x 1,1		o.r.
6965054	54 x 1,2		o.r.
6965076	76,1 x 1,5		o.r.
6965089	88,9 x 1,5		o.r.
69650108	108 x 1,5		o.r.

9700

AUG 475

NiroSan®-F system pipe, material no. 1.4521, in 6 m lengths



Article No.	Dimension	Bag	Box*
6970015	15 x 1,0		600
6970018	18 x 1,0		240
6970022	22 x 1,2		420
6970028	28 x 1,2		240
6970035	35 x 1,5		180
6970042	42 x 1,5		120
6970054	54 x 1,5		60
6970076	76,1 x 2,0		30
6970089	88,9 x 2,0		30
69700108	108,0 x 2,0		30

18001A

AUG 011

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
618001A15	15	10	200
618001A18	18	10	150
618001A22	22	10	100
618001A28	28	5	60

18001A

AUG 011

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
618001A35	35	2	30
618001A42	42	2	20
618001A54	54	2	10
618001A76	76,1	1	4
618001A89	88,9	1	2
618001A108	108,0	1	1

18001L

AUG 011

Bend 90°, long, female/male plain end



Article No.	Dimension	Bag	Box
618001L15	15	10	150
618001L18	18	10	100
618001L22	22	10	60
618001L28	28	5	30
618001L35	35	2	16
618001L42	42	2	10
618001L54	54	2	6

18002A

AUG 011

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
618002A15	15	10	200
618002A18	18	10	150
618002A22	22	10	100
618002A28	28	5	60
618002A35	35	2	30
618002A42	42	2	20
618002A54	54	2	10
618002A76	76,1	1	4
618002A89	88,9	1	2
618002A108	108,0	1	1

18002AG

AUG 011

Bend 90°, female end and male thread



Article No.	Dimension	Bag	Box
618002AG1512	15 x 1/2	10	120
618002AG1812	18 x 1/2	10	100
618002AG1834	18 x 3/4	10	80
618002AG2234	22 x 3/4	10	80
618002AG281	28 x 1	5	40
618002AG35114	35 x 1 1/4	2	20
618002AG42112	42 x 1 1/2	2	10
618002AG542	54 x 2	2	6

18002G

AUG 011

Bend 90°, female end and female thread



Article No.	Dimension	Bag	Box
618002G1512	15 x 1/2	10	100
618002G1812	18 x 1/2	10	70
618002G1834	18 x 3/4	10	70
618002G2234	22 x 3/4	10	60
618002G281	28 x 1	5	30
618002G35114	35 x 1 1/4	2	20

18002M

AUG 011

Bend 90°, nut, flat seal, female end and male thread



Article No.	Dimension	Bag	Box
618002M1534	15 x 3/4	10	100
618002M1834	18 x 3/4	10	100
618002M221	22 x 1	10	50
618002M28114	28 x 1 1/4	5	40

9003

AUG 009

Bend 90°, male plain ends



Article No.	Dimension	Bag	Box
6900315	15	10	100
6900318	18	10	80
6900322	22	10	50
6900328	28	5	30
6900335	35	2	20
6900342	42	2	10
6900354	54	2	6

9003G

AUG 009

Bend 90°, male plain end and female thread



Article No.	Dimension	Bag	Box
69003G1812	18 x 1/2	10	80

18040

AUG 011

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
61804015	15	10	250
61804018	18	10	200
61804022	22	10	120
61804028	28	5	80
61804035	35	2	40
61804042	42	2	26
61804054	54	2	14
61804076	76	1	5
61804089	88,9	1	3
618040108	108,0	1	2

Product catalogue | 2018 | (Series 18000)

18041

AUG 011

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
61804115	15	10	250
61804118	18	10	200
61804122	22	10	120
61804128	28	5	70
61804135	35	2	44
61804142	42	2	26
61804154	54	2	14
61804176	76	1	5
61804189	88,9	1	3
618041108	108,0	1	2

9042

AUG 009

Bend 45°, male plain ends



Article No.	Dimension	Bag	Box
6904235	35	2	20
6904242	42	2	6

9043

AUG 009

Bend 15°, male plain ends



Article No.	Dimension	Bag	Box
6904315	15	10	100
6904318	18	10	90
6904335	35	2	20
6904354	54	1	2

9044

AUG 009

Bend 30°, male plain ends



Article No.	Dimension	Bag	Box
6904415	15	10	100
6904418	18	10	90
6904435	35	2	20

9045

AUG 009

Bend 75°, male plain ends



Article No.	Dimension	Bag	Box
6904515	15	10	130
6904518	18	10	80
6904522	22	10	60
6904535	35	2	20
6904542	42	2	10
6904554	54	2	4

9058

AUG 009

Bend 60°, male plain ends



Article No.	Dimension	Bag	Box
6905815	15	10	100
6905818	18	10	80
6905822	22	10	60
6905828	28	5	40
6905842	42	2	10
6905854	54	2	4
6905876	76,1	1	12
6905889	88,9	1	3
69058108	108,0	1	1

18085

AUG 011

Crossover, female/female end



Article No.	Dimension	Bag	Box
61808515	15	10	120
61808518	18	10	80
61808522	22	10	60
61808528	28	5	30

9087

AUG 009

Crossover, male/male plain end



Article No.	Dimension	Bag	Box
6908715	15	10	120
6908718	18	10	80
6908722	22	10	50
6908728	28	5	40

18090

AUG 011

Elbow 90°, female/female end



Article No.	Dimension	Bag	Box
61809022	22	10	100
61809028	28	5	60

18090IG

AUG 011

Elbow 90°, with female end and female thread



Article No.	Dimension	Bag	Box
618090IG1512	15 x 1/2	10	180
618090IG1834	18 x 3/4	10	120
618090IG2234	22 x 3/4	10	100
618090IG2812	28 x 1/2	5	80
618090IG2834	28 x 3/4	5	80
618090IG281	28 x 1	5	50
618090IG3512	35 x 1/2	2	50
618090IG3534	35 x 3/4	2	50
618090IG35114	35 x 1 1/4	2	30

18092AG

AUG 011

Elbow 90°, with female end and male thread



Article No.	Dimension	Bag	Box
618092AG1512	15 x 1/2	10	200
618092AG1834	18 x 3/4	10	120
618092AG2234	22 x 3/4	10	100
618092AG281	28 x 1	5	50
618092AG35114	35 x 1 1/4	2	40
618092AG42112	42 x 1 1/2	2	30
618092AG542	54 x 2	2	20

18130

AUG 011

Tee, female ends



Article No.	Dimension	Bag	Box
61813015	15	10	120
61813018	18	10	100
61813022	22	10	60
61813028	28	5	40
61813035	35	2	24
61813042	42	2	16
61813054	54	2	8
61813076	76,1	1	3
61813089	88,9	1	2
618130108	108,0	1	1
618130181515	18 x 15 x 15	10	120
618130181518	18 x 15 x 18	10	100
618130221515	22 x 15 x 15	10	100
618130221522	22 x 15 x 22	10	70
618130221818	22 x 18 x 18	10	80
618130221822	22 x 18 x 22	10	60
618130281528	28 x 15 x 28	5	50
618130281828	28 x 18 x 28	5	40
618130282222	28 x 22 x 22	5	60
618130282228	28 x 22 x 28	5	40
618130351535	35 x 15 x 35	2	30
618130351835	35 x 18 x 35	2	30
618130352235	35 x 22 x 35	2	26
618130352835	35 x 28 x 35	2	26
618130421842	42 x 18 x 42	2	22
618130422242	42 x 22 x 42	2	18

Product catalogue | 2018 | (Series 18000)

18130

AUG 011

Tee, female ends



Article No.	Dimension	Bag	Box
618130422842	42 x 28 x 42	2	18
618130423542	42 x 35 x 42	2	16
618130542254	54 x 22 x 54	2	10
618130542854	54 x 28 x 54	2	10
618130543554	54 x 35 x 54	2	8
618130544254	54 x 42 x 54	2	8
618130762276	76,1 x 22 x 76,1	1	5
618130762876	76,1 x 28 x 76,1	1	5
618130763576	76,1 x 35 x 76,1	1	5
618130764276	76,1 x 42 x 76,1	1	5
618130765476	76,1 x 54 x 76,1	1	4
618130892289	88,9 x 22 x 88,9	1	4
618130892889	88,9 x 28 x 88,9	1	4
618130893589	88,9 x 35 x 88,9	1	4
618130894289	88,9 x 42 x 88,9	1	3
618130895489	88,9 x 54 x 88,9	1	3
618130897689	88,9 x 76 x 88,9	1	2
61813010822108	108,0 x 22 x 108,0	1	2
61813010828108	108,0 x 28 x 108,0	1	2
61813010835108	108,0 x 35 x 108,0	1	2
61813010842108	108,0 x 42 x 108,0	1	2
61813010854108	108,0 x 54 x 108,0	1	1
61813010876108	108,0 x 76,1 x 108,0	1	1
61813010889108	108,0 x 88,9 x 108,0	1	1

18130G

AUG 011

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
618130G151215	15 x 1/2 x 15	10	80
618130G181218	18 x 1/2 x 18	10	80
618130G183418	18 x 3/4 x 18	10	70
618130G221222	22 x 1/2 x 22	5	60
618130G223422	22 x 3/4 x 22	10	50
618130G281228	28 x 1/2 x 28	5	40
618130G283428	28 x 3/4 x 28	5	40
618130G28128	28 x 1 x 28	5	40

18130G

AUG 011

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
618130G351235	35 x 1/2 x 35	2	30
618130G353435	35 x 3/4 x 35	2	30
618130G3511435	35 x 1 1/4 x 35	2	24
618130G421242	42 x 1/2 x 42	2	20
618130G423442	42 x 3/4 x 42	2	20
618130G4211242	42 x 1 1/2 x 42	2	12
618130G541254	54 x 1/2 x 54	2	12
618130G543454	54 x 3/4 x 54	2	12
618130G54254	54 x 2 x 54	2	8
618130G763476	76,1 x 3/4 x 76,1	1	4
618130G76176	76,1 x 3/4 x 76,1	1	4
618130G76276	76,1 x 2 x 76,1	1	4
618130G893489	88,9 x 3/4 x 88,9	1	4
618130G89289	88,9 x 2 x 88,9	1	4
618130G10834108	108,0 x 3/4 x 108,0	1	2
618130G1082108	108,0 x 2 x 108,0	1	2

18240

AUG 011

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
6182401815	18 x 15	10	200
6182402215	22 x 15	10	150
6182402218	22 x 18	10	150
6182402822	28 x 22	10	100

18243

AUG 011

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
6182431815	18a x 15	10	300
6182432215	22a x 15	10	200
6182432218	22a x 18	10	200
6182432815	28a x 15	5	120

18243

AUG 011

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
6182432818	28a x 18	5	100
6182432822	28a x 22	5	120
6182433518	35a x 18	2	70
6182433522	35a x 22	2	70
6182433528	35a x 28	2	60
6182434222	42a x 22	2	40
6182434228	42a x 28	2	40
6182434235	42a x 35	2	40
6182435428	54a x 28	2	30
6182435435	54a x 35	2	30
6182435442	54a x 42	2	30
6182437654	76,1a x 54	2	16
6182438954	88,9a x 54	2	10
6182438976	88,9a x 76,1	2	8
61824310854	108,0a x 54	2	4
61824310876	108,0a x 76,1	2	4
61824310889	108,0a x 88,9	2	4

18243G

AUG 011

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
618243G1538	15 x 3/8	10	300
618243G1512	15 x 1/2	10	250
618243G1534	15 x 3/4	10	200
618243G1812	18 x 1/2	10	250
618243G1834	18 x 3/4	10	200
618243G2212	22 x 1/2	10	180
618243G2234	22 x 3/4	10	200
618243G221	22 x 1	10	150
618243G2834	28 x 3/4	5	100
618243G281	28 x 1	5	90
618243G3512	35 x 1/2	2	
618243G3534	35 x 3/4	2	
618243G351	35 x 1	2	60
618243G35114	35 x 1 1/4	2	40

18243G

AUG 011

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
618243G4234	42 x 3/4	2	
618243G42112	42 x 1 1/2	2	30
618243G542	54 x 2	2	20
618243G76212	76 x 2 1/2	1	8
618243G893	88,9 x 3	1	6
618243G1084	108,0 x 4	1	4

9246G

AUG 009

Transition element, with male plain end and female thread



Article No.	Dimension	Bag	Box
69246G1512	15a x 1/2	10	200
69246G1812	18a x 1/2	10	200
69246G1834	18a x 3/4	10	150
69246G2212	22a x 1/2	10	180
69246G2234	22a x 3/4	10	120
69246G2834	28a x 3/4	5	100

18250

AUG 011

Male adaptor, with male plain and groove for tube coupling



Article No.	Dimension	Bag	Box
61825028337	28 x 33,7	5	80
61825035424	35 x 42,4	2	50
61825042483	42 x 48,3	2	40
61825054603	54 x 60,3	2	28
618250761761	76,1 x 76,1	1	10
618250889889	88,9 x 88,9	1	6
618250108114	108 x 1 14	1	5

Product catalogue | 2018 | (Series 18000)

18270

AUG 011

Coupling, female/female end



Article No.	Dimension	Bag	Box
61827015	15	10	300
61827018	18	10	200
61827022	22	10	150
61827028	28	5	80
61827035	35	2	50
61827042	42	2	30
61827054	54	2	24
61827076	76	1	10
61827089	88,9	1	6
618270108	108,0	1	4

18270S

AUG 011

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
618270S15	15	10	200
618270S18	18	10	150
618270S22	22	10	100
618270S28	28	5	80
618270S35	35	2	50
618270S42	42	2	40
618270S54	54	2	20
618270S76	76,1	1	10
618270S89	88,9	1	4
618270S108	108,0	1	3

18270G

AUG 011

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
618270G1512	15 x 1/2	10	200
618270G1534	15 x 3/4	10	180
618270G1812	18 x 1/2	10	200
618270G1834	18 x 3/4	10	170
618270G2212	22 x 1/2	10	170
618270G2234	22 x 3/4	10	150
618270G221	22 x 1	10	120
618270G2834	28 x 3/4	5	100
618270G281	28 x 1	5	80
618270G35114	35 x 1 1/4	2	36
618270G42112	42 x 1 1/2	2	28
618270G542	54 x 2	2	20

9280

AUG 009

Threaded adaptor, male/male thread



Article No.	Dimension	Bag	Box
6928012	1/2	10	230
6928034	3/4	10	140
692801	1	5	120

9280G

AUG 009

Adaptor with male plain end and male thread



Article No.	Dimension	Bag	Box
69280G1512	15a x 1/2	10	200
69280G1812	18a x 1/2	10	150
69280G1834	18a x 3/4	10	180
69280G2212	22a x 1/2	10	120
69280G2234	22a x 3/4	10	100
69280G281	28a x 1	5	100

18301

AUG 011

Cap, female end



Article No.	Dimension	Bag	Box
61830115	15	10	400
61830118	18	10	300
61830122	22	10	200
61830128	28	5	150
61830135	35	2	80
61830142	42	2	50
61830154	54	2	30
61830176	76	1	20
61830189	88,9	1	14
618301108	108	1	10

18301E

AUG 011

Cap, female end, for bleeding air



Article No.	Dimension	Bag	Box
618301E7634	76 x 3/4	1	o.r.
618301E8934	88,9 x 3/4	1	o.r.
618301E10834	108 x 3/4	1	6

18330

AUG 011

Union, with flat seal, stainless steel nut, female/female end



Article No.	Dimension	Bag	Box
61833015	15	5	120
61833018	18	5	80
61833022	22	5	50
61833028	28	5	35
61833035	35	2	30
61833042	42	2	20
61833054	54	2	12

18330G

AUG 011

Union, with flat seal, brass nut, with female thread and female end



Article No.	Dimension	Bag	Box
618330G1534	15 x 3/4	5	100
618330G1834	18 x 3/4	5	80
618330G2234	22 x 3/4	5	50
618330G221	22 x 1	5	50
618330G2834	28 x 3/4	5	50
618330G281	28 x 1	5	40
618330G35114	35 x 1 1/4	2	30
618330G42112	42 x 1 1/2	2	20
618330G542	54 x 2	2	12

18330GMVA

AUG 011

Union, with flat seal, stainless steel nut, with female thread and female end



Article No.	Dimension	Bag	Box
618330GMVA1512	15 x 1/2	5	120
618330GMVA1534	15 x 3/4	5	100
618330GMVA1834	18 x 3/4	5	80
618330GMVA2234	22 x 3/4	5	50
618330GMVA221	22 x 1	5	50
618330GMVA2834	28 x 3/4	5	50
618330GMVA281	28 x 1	5	40
618330GMVA35114	35 x 1 1/4	2	30
618330GMVA42112	42 x 1 1/2	2	20
618330GMVA542	54 x 2	2	12

18333G

AUG 011

Union, with flat seal, brass nut, with male thread and female end



Article No.	Dimension	Bag	Box
618333G1512	15 x 1/2	5	150
618333G1534	15 x 3/4	5	120
618333G1812	18 x 1/2	5	100
618333G2234	22 x 3/4	5	60
618333G281	28 x 1	5	50
618333G35114	35 x 1 1/4	2	40
618333G42112	42 x 1 1/2	2	20
618333G542	54 x 2	2	12

Product catalogue | 2018 | (Series 18000)

18333GMVA

AUG 011

Union, with flat seal, stainless steel nut, with female end and male thread



Article No.	Dimension	Bag	Box
618333GMVA1512	15 x 1/2	5	150
618333GMVA1534	15 x 3/4	5	120
618333GMVA1812	18 x 1/2	5	100
618333GMVA2234	22 x 3/4	5	60
618333GMVA281	28 x 1	5	50
618333GMVA35114	35 x 1 1/4	2	40
618333GMVA42112	42 x 1 1/2	2	20
618333GMVA542	54 x 2	2	12

18359M

AUG 011

Union adaptor with flat seal, stainless steel nut, female end



Article No.	Dimension	Bag	Box
618359M1512	15 x 1/2	5	250
618359M1534	15 x 3/4	5	200
618359M1834	18 x 3/4	5	200
618359M221	22 x 1	5	130
618359M28114	28 x 1 1/4	5	50
618359M35112	35 x 1 1/2	5	50
618359M42112	42 x 1 1/2	2	o.r.
618359M42134	42 x 13/4	2	34
618359M422	42 x 2	2	o.r.
618359M542	54 x 2	2	22
618359M54238	54 x 23/8	2	20
618359M54212	54 x 2 1/2	2	o.r.

9370G

AUG 009

Threaded hexagon nipple, female/male thread



Article No.	Dimension	Bag	Box
69370G3434	3/4 x 3/4	5	120
69370G11	1 x 1	5	100

18472G

AUG 011

Wall plate with universal flange, with female end and female thread



Article No.	Dimension	Bag	Box
618472G1512	15 x 1/2	10	90
618472G1812	18 x 1/2	10	80
618472G2234	22 x 3/4	10	60
618472G2834	28 x 3/4	o.r.	o.r.

18872

AUG 011

Axial compensator to compensate expansion, female/female end



Article No.	Dimension	Bag	Box
61887215	15	1	50
61887218	18	1	50
61887222	22	1	40
61887228	28	1	40
61887235	35	1	30
61887242	42	1	16
61887254	54	1	14
61887276	76,1	1	5
61887289	88,9	1	4
618872108	108,0	1	2

18872L

AUG 011

Axial compensator to compensate expansion, female/female end



Article No.	Dimension	Bag	Box
618872L15	15	1	
618872L18	18	1	120
618872L22	22	1	
618872L28	28	1	40
618872L35	35	1	
618872L42	42	1	20
618872L54	54	1	14
618872L76	76,1	1	5
618872L89	88,9	1	3
618872L108	108,0	1	2

9918

AUG 501

Stainless steel bracket,
with sound insulation



Article No.	Dimension	Bag	Box
6991812	12	10	400
6991815	15	10	300
6991818	18	10	200
6991822	22	10	180
6991828	28	5	150
6991835	35	2	100
6991842	42	2	100
6991854	54	2	80

18-VA-PF

AUG 011

Press Flange PN 1/16, with female end,
for industrial applications



Article No.	Dimension	Bag	Box
618VAPF15	DN 12 / 15	1	25
618VAPF18	DN 15 / 18	1	20
618VAPF22	DN 20 / 22	1	16
618VAPF28	DN 25 / 28	1	14
618VAPF35	DN 32 / 35	1	10
618VAPF42	DN 40 / 42	1	8
618VAPF54	DN 50 / 54	1	3
618VAPF76	DN 65 / 76,1	1	2
618VAPF89	DN 80 / 88,9	1	2
618VAPF108	DN 100 / 108,0	1	1

FL-D

AUG 602

High-pressure flange seal, asbestos-free,
suitable for weld neck, threaded, press
and loose flanges, max. 400°C, resistant
against water, vapour, fuels, diluted alkaline
solutions, oils, gases (DVGW tested
according to DIN 3535 Part 6). Dimensions
according to DIN EN 1514 - 1.2 mm thick
for flanges. PN 10/16 = DIN EN 1092-1
and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D20	DN 20 (27 x 61 x 2 mm)	50	200
1D25	DN 25 (34 x 71 x 2 mm)	40	160

FL-D

AUG 602

High-pressure flange seal, asbestos-free,
suitable for weld neck, threaded, press
and loose flanges, max. 400°C, resistant
against water, vapour, fuels, diluted alkaline
solutions, oils, gases (DVGW tested
according to DIN 3535 Part 6). Dimensions
according to DIN EN 1514 - 1.2 mm thick
for flanges. PN 10/16 = DIN EN 1092-1
and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D32	DN 32 (43 x 82 x 2 mm)	30	120
1D40	DN 40 (49 x 92 x 2 mm)	25	100
1D50	DN 50 (61 x 107 x 2 mm)	120	120
1D65	DN 65 (77 x 127 x 2 mm)	100	100
1D80	DN 80 (89 x 142 x 2 mm)	80	80
1D100	DN 100 (115 x 168 x 2 mm)	60	60

DR-S

AUG 601

High temperature FKM seal



Article No.	Dimension	Bag	Box
DR15S01	15,10 x 2,60	o. r.	o. r.
DR18S01	18,20 x 2,65	o. r.	o. r.
DR22S01	22,20 x 3,10	o. r.	o. r.
DR28S01	28,30 x 3,10	o. r.	o. r.
DR35S02	35,20 x 3,15	o. r.	o. r.
DR42S02	42,20 x 4,00	o. r.	o. r.
DR54S02	54,20 x 4,00	o. r.	o. r.
DR64S01	65,00 x 6,00	o. r.	o. r.
DR76S01	77,00 x 7,00	o. r.	o. r.
DR89S02	90,00 x 8,00	o. r.	o. r.
DR108S02	110,00 x 10,00	o. r.	o. r.

8981

AUG 556

Universal insulation plate for mounting on
wall plates no. 8472g, 8473g and 9472g,
also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

Product catalogue | 2018 | (Series 18000)

4992

AUG 556

Tool for marking of insertion depth for NiroSan[®] / NiroTherm[®], with pen holder and magnet, 15 - 108 mm



Article No.	Dimension	Bag	Box	
84992	15 - 108 mm	1	40	



PIPING SYSTEMS | Stainless steel

NiroSan® SF

(Series 19000)

Important:

Only complete bags available. In order to avoid unintentional contamination, please do not open the bags before installation.



NiroSan® SF

Series 19000

The installation system consists of high-quality NiroSan® SF press fittings with red moulded sealing rings made of FKM (fluoro carbon elastomers) and NiroSan® stainless steel system pipes according to EN 10312. They are specially made for all applications that require silicone free components. Silicone-free moulded sealing rings are ideally suited to applications such as varnishing and painting industries.

All NiroSan® SF press fittings are made of the material 1.4404 / AISI 316L and 1.4408 (for threaded fittings and stainless steel precision castings). The material contains a minimum of 2.3 % molybdenum and a lower carbon content than the conventional steel quality 316. For this reason material no 1.4404/316L is a superior material with higher corrosion resistance than standard stainless steels.

NiroSan® SF press fittings and system pipes are individually wrapped in order to guarantee that they are completely silicone free and remain so during transport up until they are finally installed.

The NiroSan® SF press system is certified in accordance with all relevant international certification bodies.

NiroSan® SF system press fittings can be easily recognized by the red moulded sealing ring and the additional engraving with the letters "SF" (in the past sometimes in green print) outside.

Operating conditions for the NiroSan® SF press system	
Outer pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature NiroSan® SF press fittings with silicone-free FKM sealing ring	-20 °C – +200 °C (depending on application)
Type of thread: R/Rp thread according to EN 10226, fastening thread: G thread according to ISO 228	

Features

- **Tool compatibility and Push & Stay**
 - + **tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Fast installation, no risk of fire**

The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. NiroSan® installation systems are therefore ideally suited for renovation work
- **Silicone-free sealing rings**

The premium NiroSan® SF system is optimally suited for all applications that need an atmosphere free of silicone particles, such as the varnishing industry
- **High corrosion resistance**

The premium stainless steel type 1.4404 (316L) and the exceptionally smooth, passivated surface of pipes and fittings lead to an excellent corrosion resistance.
- **Exceptional flexibility**
 - **All dimensions from 15 to 108 mm**
 - **Reliable, permanent connection with NiroSan® stainless steel system pipes:**
 - NiroSan® SF (1.4404/316L), Silicon-free, TIG-welded, annealed, low carbon, high (≥ 2,3 %) molybdenum content for increased corrosion resistance. Labelled in black lettering.
 - **Thread according to EN 10226 and/or ISO7/1 Typ R and R/p**

Areas of application

Painting industry	Varnishing industry	
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 19000)

19000

AUG 472

NiroSan[®] system pipe, material no. 1.4404 in 6 m lengths, silicone-free, individually wrapped in PE shrink films



Article No.	Dimension	Bag	Box*
61900015	15 x 1,0		600
61900018	18 x 1,0		240
61900022	22 x 1,2		420
61900028	28 x 1,2		240
61900035	35 x 1,5		180
61900042	42 x 1,5		120
61900054	54 x 1,5		60
61900076	76,1 x 2,0		30
61900089	88,9 x 2,0		30
61900108	108,0 x 2,0		30

19002A

AUG 013

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
619002A15	15	1	200
619002A18	18	1	150
619002A22	22	1	100
619002A28	28	1	60
619002A35	35	1	30
619002A42	42	1	20
619002A54	54	1	10
619002A76	76,1	1	4
619002A89	88,9	1	2
619002A108	108,0	1	1

19001A

AUG 013

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
619001A15	15	1	200
619001A18	18	1	150
619001A22	22	1	100
619001A28	28	1	60
619001A35	35	1	30
619001A42	42	1	20
619001A54	54	1	10
619001A76	76,1	1	4
619001A89	88,9	1	2
619001A108	108,0	1	1

19002AG

AUG 013

Bend 90°, female end and male thread



Article No.	Dimension	Bag	Box
619002AG1512	15 x 1/2	1	120
619002AG1812	18 x 1/2	1	100
619002AG1834	18 x 3/4	1	80
619002AG2234	22 x 3/4	1	80
619002AG281	28 x 1	1	40
619002AG35114	35 x 1 1/4	1	20
619002AG42112	42 x 1 1/2	1	10
619002AG542	54 x 2	1	6

19001L

AUG 013

Bend 90°, female/male plain end, long



Article No.	Dimension	Bag	Box
619001L15	15	1	150
619001L18	18	1	100
619001L22	22	1	60
619001L28	28	1	30
619001L35	35	1	16
619001L42	42	1	10
619001L54	54	1	6

19002G

AUG 013

Bend 90°, female end and female thread



Article No.	Dimension	Bag	Box
619002G1512	15 x 1/2	1	100
619002G1834	18 x 3/4	1	70
619002G2234	22 x 3/4	1	60
619002G281	28 x 1	1	30
619002G35114	35 x 1 1/4	1	20

Product catalogue | 2018 | (Series 19000)

19002M

AUG 013

Bend 90°, female end and cap nut



Article No.	Dimension	Bag	Box
619002M1534	15 x 3/4	1	100
619002M1834	18 x 3/4	1	100
619002M221	22 x 1	1	50
619002M28114	28 x 1 1/4	1	40

19085

AUG 013

Crossover, female/female end



Article No.	Dimension	Bag	Box
61908515	15	1	120
61908518	18	1	80
61908522	22	1	60
61908528	28	1	30

19040

AUG 013

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
61904015	15	1	250
61904018	18	1	200
61904022	22	1	120
61904028	28	1	80
61904035	35	1	40
61904042	42	1	26
61904054	54	1	14
61904076	76,1	1	5
61904089	88,9	1	3
619040108	108,0	1	2

19090

AUG 013

Elbow 90°, female/female end



Article No.	Dimension	Bag	Box
61909022	22	1	100
61909028	28	1	60

19092AG

AUG 013

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
619092AG1512	15 x 1/2	1	200
619092AG1834	18 x 3/4	1	120
619092AG2234	22 x 3/4	1	100
619092AG281	28 x 1	1	50
619092AG35114	35 x 1 1/4	1	40

19041

AUG 013

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
61904115	15	1	250
61904118	18	1	200
61904122	22	1	120
61904128	28	1	80
61904135	35	1	50
61904142	42	1	26
61904154	54	1	14
61904176	76,1	1	5
61904189	88,9	1	3
619041108	108,0	1	2

19090IG

AUG 013

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
619090IG1512	15 x 1/2	1	180
619090IG1834	18 x 3/4	1	120
619090IG2234	22 x 3/4	1	100
619090IG281	28 x 1	1	50
619090IG35114	35 x 1 1/4	1	30

Product catalogue | 2018 | (Series 19000)

19130

AUG 013

Tee, female ends



Article No.	Dimension	Bag	Box
61913015	15	1	120
61913018	18	1	100
61913022	22	1	60
61913028	28	1	40
61913035	35	1	24
61913042	42	1	16
61913054	54	1	8
61913076	76,1	1	3
61913089	88,9	1	2
619130108	108,0	1	1
619130181515	18 x 15 x 15	1	120
619130181518	18 x 15 x 18	1	100
619130221515	22 x 15 x 15	1	100
619130221522	22 x 15 x 22	1	70
619130221818	22 x 18 x 18	1	80
619130221822	22 x 18 x 22	1	60
619130281528	28 x 15 x 28	1	50
619130281828	28 x 18 x 28	1	40
619130282222	28 x 22 x 22	1	60
619130282228	28 x 22 x 28	1	40
619130351535	35 x 15 x 35	1	30
619130351835	35 x 18 x 35	1	30
619130352235	35 x 22 x 35	1	26
619130352835	35 x 28 x 35	1	26
619130421842	42 x 18 x 42	1	22
619130422242	42 x 22 x 42	1	18
619130422842	42 x 28 x 42	1	18
619130423542	42 x 35 x 42	1	16
619130542254	54 x 22 x 54	1	10
619130542854	54 x 28 x 54	1	10
619130543554	54 x 35 x 54	1	8
619130544254	54 x 42 x 54	1	8
619130762276	76,1 x 22 x 76,1	1	5
619130762876	76,1 x 28 x 76,1	1	5
619130763576	76,1 x 35 x 76,1	1	5
619130764276	76,1 x 42 x 76,1	1	5
619130765476	76,1 x 54 x 76,1	1	4
619130892289	88,9 x 22 x 88,9	1	4
619130892889	88,9 x 28 x 88,9	1	4
619130893589	88,9 x 35 x 88,9	1	4
619130894289	88,9 x 42 x 88,9	1	3
619130895489	88,9 x 54 x 88,9	1	3

19130

AUG 013

Tee, female ends



Article No.	Dimension	Bag	Box
619130897689	88,9 x 76,1 x 88,9	1	2
61913010822108	108,0 x 22 x 108,0	1	2
61913010828108	108,0 x 28 x 108,0	1	2
61913010835108	108,0 x 35 x 108,0	1	2
61913010842108	108,0 x 42 x 108,0	1	2
61913010854108	108,0 x 54 x 108,0	1	1
61913010876108	108,0 x 76,1 x 108,0	1	1
61913010889108	108,0 x 88,9 x 108,0	1	1

19130G

AUG 013

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
619130G151215	15 x 1/2 x 15	1	80
619130G181218	18 x 1/2 x 18	1	80
619130G183418	18 x 3/4 x 18	1	70
619130G221222	22 x 1/2 x 22	1	60
619130G223422	22 x 3/4 x 22	1	50
619130G281228	28 x 1/2 x 28	1	40
619130G283428	28 x 3/4 x 28	1	40
619130G28128	28 x 1 x 28	1	40
619130G351235	35 x 1/2 x 35	1	30
619130G353435	35 x 3/4 x 35	1	30
619130G3511435	35 x 1 1/4 x 35	1	24
619130G421242	42 x 1/2 x 42	1	20
619130G423442	42 x 3/4 x 42	1	20
619130G4211242	42 x 1 1/2 x 42	1	12
619130G541254	54 x 1/2 x 54	1	12
619130G543454	54 x 3/4 x 54	1	12
619130G54254	54 x 2 x 54	1	8
619130G763476	76,1 x 3/4 x 76,1	1	4
619130G893489	88,9 x 3/4 x 88,9	1	4
619130G76276	76,1 x 2 x 76,1	1	4
619130G89289	88,9 x 2 x 88,9	1	4
619130G10834108	108,0 x 3/4 x 108,0	1	2
619130G1082108	108,0 x 2 x 108,0	1	2

Product catalogue | 2018 | (Series 19000)

19240

AUG 013

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
6192401815	18 x 15	1	200
6192402215	22 x 15	1	150
6192402218	22 x 18	1	150
6192402822	28 x 22	1	100

19243

AUG 013

Male adaptor with female and male plain end



Article No.	Dimension	Bag	Box
6192431815	18a x 15	1	300
6192432215	22a x 15	1	200
6192432218	22a x 18	1	200
6192432815	28a x 15	1	120
6192432818	28a x 18	1	100
6192432822	28a x 22	1	120
6192433518	35a x 18	1	70
6192433522	35a x 22	1	70
6192433528	35a x 28	1	60
6192434222	42a x 22	1	40
6192434228	42a x 28	1	40
6192434235	42a x 35	1	40
6192435428	54a x 28	1	30
6192435435	54a x 35	1	30
6192435442	54a x 42	1	30
6192437654	76,1a x 54	1	16
6192438954	88,9a x 54	1	10
6192438976	88,9a x 76,1	1	8
61924310854	108,0a x 54	1	4
61924310876	108,0a x 76,1	1	4
61924310889	108,0a x 88,9	1	4

19243G

AUG 013

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
619243G1538	15 x 3/8	1	300
619243G1512	15 x 1/2	1	250

19243G

AUG 013

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
619243G1534	15 x 3/4	1	200
619243G1812	18 x 1/2	1	250
619243G1834	18 x 3/4	1	200
619243G2212	22 x 1/2	1	180
619243G2234	22 x 3/4	1	200
619243G221	22 x 1	1	150
619243G2834	28 x 3/4	1	100
619243G281	28 x 1	1	90
619243G351	35 x 1	1	60
619243G35114	35 x 1 1/4	1	40
619243G42112	42 x 1 1/2	1	30
619243G542	54 x 2	1	20
619243G76212	76,1 x 2 1/2	1	8
619243G893	88,9 x 3	1	6
619243G1084	108,0 x 4	1	4

19270

AUG 013

Coupling, female/female end



Article No.	Dimension	Bag	Box
61927015	15	1	300
61927018	18	1	200
61927022	22	1	150
61927028	28	1	80
61927035	35	1	50
61927042	42	1	30
61927054	54	1	24
61927076	76,1	1	10
61927089	88,9	1	6
619270108	108,0	1	4

19270G

AUG 013

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
619270G1512	15 x 1/2	1	200
619270G1534	15 x 3/4	1	180

Product catalogue | 2018 | (Series 19000)

19270G

AUG 013

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
619270G1812	18 x 1/2	1	200
619270G1834	18 x 3/4	1	170
619270G2212	22 x 1/2	1	170
619270G2234	22 x 3/4	1	150
619270G221	22 x 1	1	120
619270G2834	28 x 3/4	1	100
619270G281	28 x 1	1	80
619270G35114	35 x 1 1/4	1	36
619270G42112	42 x 1 1/2	1	28
619270G542	54 x 2	1	20

19270S

AUG 013

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
619270S15	15	1	200
619270S18	18	1	150
619270S22	22	1	100
619270S28	28	1	80
619270S35	35	1	50
619270S42	42	1	40
619270S54	54	1	20
619270S76	76,1	1	10
619270S89	88,9	1	4
619270S108	108,0	1	3

19301

AUG 013

Cap, female end



Article No.	Dimension	Bag	Box
61930115	15	1	400
61930118	18	1	300
61930122	22	1	200
61930128	28	1	150
61930135	35	1	80
61930142	42	1	50
61930154	54	1	30

19330

AUG 013

Union, with flat seal, stainless steel nut, female/female end



Article No.	Dimension	Bag	Box
61933015	15	1	120
61933018	18	1	80
61933022	22	1	50
61933028	28	1	35
61933035	35	1	30
61933042	42	1	20
61933054	54	1	12

19330GMVA

AUG 013

Union, with flat seal, stainless steel nut, with female end and female thread



Article No.	Dimension	Bag	Box
619330GMVA1512	15 x 1/2	1	120
619330GMVA1534	15 x 3/4	1	100
619330GMVA1834	18 x 3/4	1	80
619330GMVA2234	22 x 3/4	1	50
619330GMVA221	22 x 1	1	50
619330GMVA2834	28 x 3/4	1	40
619330GMVA281	28 x 1	1	50
619330GMVA35114	35 x 1 1/4	1	30
619330GMVA42112	42 x 1 1/2	1	20
619330GMVA542	54 x 2	1	12

19333GMVA

AUG 013

Union, with flat seal, stainless steel nut, with female end and male thread



Article No.	Dimension	Bag	Box
619333GMVA1512	15 x 1/2	1	150
619333GMVA1534	15 x 3/4	1	120
619333GMVA1812	18 x 1/2	1	100
619333GMVA2234	22 x 3/4	1	60
619333GMVA281	28 x 1	1	50
619333GMVA35114	35 x 1 1/4	1	40
619333GMVA42112	42 x 1 1/2	1	20
619333GMVA542	54 x 2	1	12

Product catalogue | 2018 | (Series 19000)

19359M

AUG 013

Union adaptor with flat seal, stainless steel nut, female end



Article No.	Dimension	Bag	Box
619359M1512	15 x 1/2	1	250
619359M1534	15 x 3/4	1	200
619359M1834	18 x 3/4	1	200
619359M221	22 x 1	1	130
619359M28114	28 x 1 1/4	1	50
619359M35112	35 x 1 1/2	1	50
619359M42134	42 x 1 3/4	1	34
619359M54238	54 x 2 3/8	1	20

19472G

AUG 013

Wall plate with universal flange, with female end and female thread



Article No.	Dimension	Bag	Box
619472G1512	15 x 1/2	1	90
619472G1812	18 x 1/2	1	80
619472G2234	22 x 3/4	1	60

19-VA-PF

AUG 013

Press Flange, with female end, PN 1/16, for silicone-free applications



Article No.	Dimension	Bag	Box
619VAPF18	DN 15 / 18	1	20
619VAPF22	DN 20 / 22	1	16
619VAPF28	DN 25 / 28	1	14
619VAPF35	DN 32 / 35	1	10
619VAPF42	DN 40 / 42	1	8
619VAPF54	DN 50 / 54	1	3
619VAPF76	DN 65 / 76,1	1	2
619VAPF89	DN 80 / 88,9	1	2
619VAPF108	DN 100 / 108,0	1	1

19-FL-D

AUG 602

High-pressure flange seal, free of asbestos and silicone, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
619FLD15	15		240
619FLD20	20		200
619FLD25	25		160
619FLD32	32		120
619FLD40	40		100
619FLD50	50		120
619FLD65	65		100
619FLD80	80		80
619FLD100	100		60

DR-S

AUG 601

High temperature FKM seal



Article No.	Dimension	Bag	Box
DR15S01	15,10 x 2,60	o. r.	o. r.
DR18S01	18,20 x 2,65	o. r.	o. r.
DR22S01	22,20 x 3,10	o. r.	o. r.
DR28S01	28,30 x 3,10	o. r.	o. r.
DR35S02	35,20 x 3,15	o. r.	o. r.
DR42S02	42,20 x 4,00	o. r.	o. r.
DR54S02	54,20 x 4,00	o. r.	o. r.
DR64S01	65,00 x 6,00	o. r.	o. r.
DR76S01	77,00 x 7,00	o. r.	o. r.
DR89S02	90,00 x 8,00	o. r.	o. r.
DR108S02	110,00 x 10,00	o. r.	o. r.

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

4992

AUG 556

Tool for marking of insertion depth for NiroSan® / NiroTherm®, with pen holder and magnet, 15 - 108 mm



Article No.	Dimension	Bag	Box
84992	15 - 108 mm	1	40



PIPING SYSTEMS | Stainless steel

NiroTherm®

(Series 91000)

combipress
= Tool Compatibility + Push & Stay
+ Leak Path Feature
exclusive from SANHA

NiroTherm®

Series 91000

The innovative SANHA installation system NiroTherm® combines high-quality NiroTherm® press fittings with a black sealing ring made and NiroTherm® stainless steel system tubes according to EN 10312.

The system is produced from the material 1.4301 (AISI 304). Due to the well know corrosion resistance of stainless steel, Nirotherm offers installers a real alternative to conventional steels in closed systems, in damp or humid atmospheres, such as within screeds. Since it needs significantly less protection against humidity, it is quicker and more economical to install.

In addition to the system description, NiroTherm® system press fittings are marked on the outside with a red dot.

Operating conditions for the NiroTherm® press system

Outer pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non toxic, non flammable)	
d ≤ 108 mm	16 bar
Operating temperature NiroTherm® press fittings with EPDM sealing ring	
-30 °C – +120 °C	
Thread: Pipe thread: R/Rp thread according to EN 10226, fastening thread: G thread according to ISO 228	

Features

- **combipress =**
 - + **tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Leak path feature** (certified forced leakage before pressing with EPDM and HNBR sealing rings) in combination with
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **First class material, lower labour cost**
NiroTherm® is especially useful where carbon steel systems cannot be installed or need to be heavily protected against corrosion. NiroTherm® needs less protection as the material itself offers an additional layer of safety.
- **Fast installation, no risk of fire**
The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. NiroSan® installation systems are therefore ideally suited for renovation work.
- **High corrosion resistance**
The premium stainless steel type 1.4301 (304) and the exceptionally smooth, passivated surface of pipes and fittings lead to an excellent corrosion resistance.
- **Exceptional flexibility**
 - **All dimensions from 15 to 108 mm including 64 mm available**
 - **Reliable, permanent connection with NiroTherm® and NiroSan® stainless steel system pipes:**
 - Secure, permanent connection with NiroSan® pipes:
 - NiroTherm® (1.4301/304), optimised wall thickness, TIG welded, annealed for improved corrosion resistance
 - **Thread according to EN 10226 and ISO7/1 Type R and Rp**

Areas of application

Heating	Cooling water	Technical gases
Compressed air (oil free)	Rainwater	Inert gases
Cooling water pipes		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 91000)

9100

AUG 480

NiroTherm® system pipe, material no. 1.4301, reduced wall thickness, in 6 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6910015	15 x 0,6		600
6910018	18 x 0,7		240
6910022	22 x 0,7		420
6910028	28 x 0,8		240
6910035	35 x 1,0		180
6910042	42 x 1,1		120
6910054	54 x 1,2		60
6910076	76,1 x 1,5		30
6910089	88,9 x 1,5		30
69100108	108 x 1,5		30

9150

AUG 480

NiroTherm® system pipe, material no. 1.4301 (304), reduced wall thickness, in 3 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6915015	15 x 0,6		300
6915018	18 x 0,7		120
6915022	22 x 0,7		210
6915028	28 x 0,8		120
6915035	35 x 1,0		90
6915042	42 x 1,1		60
6915054	54 x 1,2		30
6915076	76,1 x 1,5		15
6915089	88,9 x 1,5		15
69150108	108 x 1,5		15

91001A

AUG 018

Bend 90°, female end/male plain end



Article No.	Dimension	Bag	Box
691001A15	15	10	200
691001A18	18	10	150
691001A22	22	10	100
691001A28	28	5	60
691001A35	35	2	30
691001A42	42	2	20
691001A54	54	2	10
691001A76	76,1	1	4

91001A

AUG 018

Bend 90°, female end/male plain end



Article No.	Dimension	Bag	Box
691001A89	88,9	1	2
691001A108	108,0	1	1

91003G

AUG 018

Bend 90°, male plain end and female thread



Article No.	Dimension	Bag	Box
691003G1812	18 x 1/2	10	80

91001L

AUG 018

Bend 90°, long, female/male plain end



Article No.	Dimension	Bag	Box
691001L15	15	10	150
691001L18	18	10	100
691001L22	22	10	60
691001L28	28	5	30
691001L35	35	2	16
691001L42	42	2	10
691001L54	54	2	6

91002A

AUG 018

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
691002A15	15	10	200
691002A18	18	10	150
691002A22	22	10	100
691002A28	28	5	60
691002A35	35	2	30
691002A42	42	2	20
691002A54	54	2	10
691002A76	76,1	1	4
691002A89	88,9	1	2
691002A108	108,0	1	1

Product catalogue | 2018 | (Series 91000)

91002AG

AUG 018

Bend 90°, female end and male thread



Article No.	Dimension	Bag	Box
691002AG1512	15 x 1/2	10	120
691002AG1812	18 x 1/2	10	100
691002AG1834	18 x 3/4	10	80
691002AG2234	22 x 3/4	10	80
691002AG281	28 x 1	5	40
691002AG35114	35 x 1 1/4	2	20
691002AG42112	42 x 1 1/2	2	10
691002AG542	54 x 2	2	6

91002G

AUG 018

Bend 90°, female end and female thread



Article No.	Dimension	Bag	Box
691002G1512	15 x 1/2	10	100
691002G1812	18 x 1/2	10	70
691002G1834	18 x 3/4	10	70
691002G2234	22 x 3/4	10	60
691002G281	28 x 1	5	30
691002G35114	35 x 1 1/4	2	20

91002M

AUG 018

Bend 90°, nut, flat seal, female thread and female end



Article No.	Dimension	Bag	Box
691002M1534	15 x 3/4	10	100
691002M1834	18 x 3/4	10	100
691002M221	22 x 1	10	50
691002M28114	28 x 1 1/4	5	40

91002MG

AUG 018

Bend 90°, nut, flat seal, female and male thread



Article No.	Dimension	Bag	Box
691002MG3434	3/4 x 3/4	10	60
691002MG11	1 x 1	10	40

91003

AUG 018

Bend 90°, male plain ends



Article No.	Dimension	Bag	Box
69100315	15	10	100
69100318	18	10	80
69100322	22	10	70
69100328	28	5	30
69100335	35	2	20
69100342	42	2	10
69100354	54	2	6

91005

AUG 018

Pipe element with flanging for overflow



Article No.	Dimension	Bag	Box
6910052850034	28 x 500 x 3/4		28

91040

AUG 018

Bend 45°, female end/male plain end



Article No.	Dimension	Bag	Box
69104015	15	10	250
69104018	18	10	200
69104022	22	10	120
69104028	28	5	80
69104035	35	2	40
69104042	42	2	26
69104054	54	2	14
69104076	76,1	1	5
69104089	88,9	1	3
691040108	108,0	1	2

91041

AUG 018

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
69104115	15	10	250
69104118	18	10	200

Product catalogue | 2018 | (Series 91000)

91041

AUG 018

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
69104122	22	10	120
69104128	28	5	70
69104135	35	2	44
69104142	42	2	26
69104154	54	2	14
69104176	76,1	1	5
69104189	88,9	1	3
691041108	108,0	1	2

91092AG

AUG 018

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
691092AG1512	15 x 1/2	10	200
691092AG1812	18 x 1/2	10	200
691092AG1834	18 x 3/4	10	120
691092AG2234	22 x 3/4	10	100
691092AG281	28 x 1	5	50
691092AG35114	35 x 1 1/4	2	40
691092AG42112	42 x 1 1/2	2	30
691092AG542	54 x 2	2	16

91085

AUG 018

Crossover, female/female ends



Article No.	Dimension	Bag	Box
69108515	15	10	120
69108518	18	10	80
69108522	22	10	60
69108528	28	5	30

91090IG

AUG 018

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
691090IG1512	15 x 1/2	10	180
691090IG1834	18 x 3/4	10	120
691090IG2234	22 x 3/4	10	100
691090IG2812	28 x 1/2	5	80
691090IG2834	28 x 3/4	5	80
691090IG281	28 x 1	5	50
691090IG3512	35 x 1/2	2	50
691090IG3534	35 x 3/4	2	50
691090IG35114	35 x 1 1/4	2	30

91087

AUG 018

Crossover, male/male ends



Article No.	Dimension	Bag	Box
69108715	15	10	120
69108718	18	10	80
69108722	22	10	50
69108728	28	5	40

91130

AUG 018

Tee, female ends



Article No.	Dimension	Bag	Box
69113015	15	10	120
69113018	18	10	100
69113022	22	10	60
69113028	28	5	40
69113035	35	2	24
69113042	42	2	16
69113054	54	2	8
69113076	76,1	1	3
69113089	88,9	1	2
691130108	108,0	1	1

91090

AUG 018

Elbow 90°, female/female ends



Article No.	Dimension	Bag	Box
69109022	22	10	100
69109028	28	5	60

Product catalogue | 2018 | (Series 91000)

91130

AUG 018

Tee, female ends



Article No.	Dimension	Bag	Box
691130181515	18 x 15 x 15	10	120
691130181518	18 x 15 x 18	10	100
691130221515	22 x 15 x 15	10	100
691130221522	22 x 15 x 22	10	70
691130221818	22 x 18 x 18	10	80
691130221822	22 x 18 x 22	10	60
691130281528	28 x 15 x 28	5	50
691130281828	28 x 18 x 28	5	40
691130282222	28 x 22 x 22	5	60
691130282228	28 x 22 x 28	5	40
691130351535	35 x 15 x 35	2	30
691130351835	35 x 18 x 35	2	30
691130352235	35 x 22 x 35	2	26
691130352835	35 x 28 x 35	2	26
691130421842	42 x 18 x 42	2	22
691130422242	42 x 22 x 42	2	18
691130422842	42 x 28 x 42	2	18
691130423542	42 x 35 x 42	2	16
691130542254	54 x 22 x 54	2	10
691130542854	54 x 28 x 54	2	10
691130543554	54 x 35 x 54	2	8
691130544254	54 x 42 x 54	2	8
691130762276	76,1 x 22 x 76,1	1	5
691130762876	76,1 x 28 x 76,1	1	5
691130763576	76,1 x 35 x 76,1	1	5
691130764276	76,1 x 42 x 76,1	1	5
691130765476	76,1 x 54 x 76,1	1	4
691130892289	88,9 x 22 x 88,9	1	4
691130892889	88,9 x 28 x 88,9	1	4
691130893589	88,9 x 35 x 88,9	1	4
691130894289	88,9 x 42 x 88,9	1	3
691130895489	88,9 x 54 x 88,9	1	3
691130897689	88,9 x 76,1 x 88,9	1	2
69113010822108	108,0 x 22 x 108,0	1	2
69113010828108	108,0 x 28 x 108,0	1	2
69113010835108	108,0 x 35 x 108,0	1	2
69113010842108	108,0 x 42 x 108,0	1	2
69113010854108	108,0 x 54 x 108,0	1	1
69113010876108	108,0 x 76,1 x 108,0	1	1
69113010889108	108,0 x 88,9 x 108,0	1	1

91130G

AUG 018

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
691130G151215	15 x 1/2 x 15	10	80
691130G181218	18 x 1/2 x 18	10	80
691130G183418	18 x 3/4 x 18	10	70
691130G221222	22 x 1/2 x 22	5	60
691130G223422	22 x 3/4 x 22	10	50
691130G281228	28 x 1/2 x 28	5	40
691130G283428	28 x 3/4 x 28	5	40
691130G28128	28 x 1 x 28	5	40
691130G351235	35 x 1/2 x 35	2	30
691130G353435	35 x 3/4 x 35	2	30
691130G3511435	35 x 1 1/4 x 35	2	24
691130G421242	42 x 1/2 x 42	2	20
691130G423442	42 x 3/4 x 42	2	20
691130G4211242	42 x 1 1/2 x 42	2	12
691130G541254	54 x 1/2 x 54	2	12
691130G543454	54 x 3/4 x 54	2	12
691130G54254	54 x 2 x 54	2	8
691130G763476	76,1 x 3/4 x 76,1	1	4
691130G76176	76,1 x 1 x 76,1	1	4
691130G76276	76,1 x 2 x 76,1	1	4
691130G893489	88,9 x 3/4 x 88,9	1	4
691130G89289	88,9 x 2 x 88,9	1	4
691130G10834108	108,0 x 3/4 x 108,0	1	2
691130G1082108	108,0 x 2 x 108,0	1	2

91240

AUG 018

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
6912401815	18 x 15	10	200
6912402215	22 x 15	10	150
6912402218	22 x 18	10	150
6912402822	28 x 22	10	100

Product catalogue | 2018 | (Series 91000)

91243

AUG 018

Fitting reducer, female and male plain end



Article No.	Dimension	Bag	Box
6912431815	18a x 15	10	300
6912432215	22a x 15	10	200
6912432218	22a x 18	10	200
6912432815	28a x 15	5	120
6912432818	28a x 18	5	100
6912432822	28a x 22	5	120
6912433518	35a x 18	2	70
6912433522	35a x 22	2	70
6912433528	35a x 28	2	60
6912434222	42a x 22	2	40
6912434228	42a x 28	2	40
6912434235	42a x 35	2	40
6912435428	54a x 28	2	30
6912435435	54a x 35	2	30
6912435442	54a x 42	2	30
6912437654	76,1a x 54	2	16
6912438954	88,9a x 54	2	8
6912438976	88,9a x 76,1	2	8
69124310854	108,0a x 54	2	4
69124310876	108,0a x 76,1	2	4
69124310889	108,0a x 88,9	2	4

91243G

AUG 018

NiroTherm® male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
691243G1538	15 x 3/8	10	300
691243G1512	15 x 1/2	10	250
691243G1534	15 x 3/4	10	200
691243G1812	18 x 1/2	10	250
691243G1834	18 x 3/4	10	200
691243G2212	22 x 1/2	10	180
691243G2234	22 x 3/4	10	200
691243G221	22 x 1	10	150
691243G2834	28 x 3/4	5	100
691243G281	28 x 1	5	90

91243G

AUG 018

NiroTherm® male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
691243G3512	35 x 1/2	2	
691243G3534	35 x 3/4	2	
691243G351	35 x 1	2	60
691243G35114	35 x 1 1/4	2	40
691243G4234	42 x 3/4	2	
691243G42112	42 x 1 1/2	2	30
691243G542	54 x 2	2	20
691243G76212	76,1 x 2 1/2	1	8
691243G893	88,9 x 3	1	6
691243G1084	108,0 x 4	1	4

91246G

AUG 018

Transition Coupling, with male plain end and female thread



Article No.	Dimension	Bag	Box
691246G1512	15a x 1/2	10	200
691246G1812	18a x 1/2	10	200
691246G1834	18a x 3/4	10	150
691246G2212	22a x 1/2	10	180
691246G2234	22a x 3/4	10	120
691246G2834	28a x 3/4	5	100

91250

AUG 018

Adaptor with male plain end and groove for tube coupling



Article No.	Dimension	Bag	Box
69125028337	28 x 33,7	5	80
69125035424	35 x 42,4	2	50
69125042483	42 x 48,3	2	40
69125054603	54 x 60,3	2	28
691250761761	76,1 x 76,1	1	10
691250889889	88,9 x 88,9	1	6
691250108114	108 x 114	1	5

Product catalogue | 2018 | (Series 91000)

91270

AUG 018

Coupling, female ends



Article No.	Dimension	Bag	Box
69127015	15	10	300
69127018	18	10	200
69127022	22	10	150
69127028	28	5	80
69127035	35	2	50
69127042	42	2	30
69127054	54	2	24
69127076	76,1	1	10
69127089	88,9	1	6
691270108	108,0	1	4

91270S

AUG 018

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
691270S15	15	10	200
691270S18	18	10	150
691270S22	22	10	100
691270S28	28	5	80
691270S35	35	2	50
691270S42	42	2	40
691270S54	54	2	20
691270S76	76,1	1	10
691270S89	88,9	1	4
691270S108	108,0	1	3

91270F

AUG 018

Transition coupling with stone anchor, with female end and female thread



Article No.	Dimension	Bag	Box
691270F1512	15 x 1/2	10	150

91280

AUG 018

Threaded double adaptor, male/male thread



Article No.	Dimension	Bag	Box
69128012	1/2	10	230
69128034	3/4	10	140
6912801	1	5	120

91270G

AUG 018

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
691270G1512	15 x 1/2	10	200
691270G1534	15 x 3/4	10	180
691270G1812	18 x 1/2	10	200
691270G1834	18 x 3/4	10	170
691270G2212	22 x 1/2	10	170
691270G2234	22 x 3/4	10	150
691270G221	22 x 1	10	120
691270G2834	28 x 3/4	5	100
691270G281	28 x 1	5	80
691270G35114	35 x 1 1/4	2	36
691270G42112	42 x 1 1/2	2	28
691270G542	54 x 2	2	20

91280G

AUG 018

NiroTherm® male adaptor, with male plain end and male thread



Article No.	Dimension	Bag	Box
691280G1512	15a x 1/2	10	200
691280G1812	18a x 1/2	10	150
691280G1834	18a x 3/4	10	180
691280G2212	22a x 1/2	10	120
691280G2234	22a x 3/4	10	100
691280G281	28a x 1	5	100

Product catalogue | 2018 | (Series 91000)

91301

AUG 018

Cap, female end



Article No.	Dimension	Bag	Box
69130115	15	10	400
69130118	18	10	300
69130122	22	10	200
69130128	28	5	150
69130135	35	2	80
69130142	42	2	50
69130154	54	2	30
69130176	76,1	1	20
69130189	89	1	14
691301108	108	1	10

91301E

AUG 018

Cap, female end, for bleeding air



Article No.	Dimension	Bag	Box
691301E7634	76 x 3/4	1	o.r.
691301E8934	88,9 x 3/4	1	o.r.
691301E10834	108 x 3/4	1	6

91330

AUG 018

Union, with flat seal, stainless steel nut, female/female end



Article No.	Dimension	Bag	Box
69133015	15	5	120
69133018	18	5	80
69133022	22	5	50
69133028	28	5	35
69133035	35	2	30
69133042	42	2	20
69133054	54	2	12

91330G

AUG 018

Union, with flat seal, brass nut, with female end and female thread



Article No.	Dimension	Bag	Box
691330G1512	15 x 1/2	5	120
691330G1534	15 x 3/4	5	100
691330G1834	18 x 3/4	5	80
691330G2234	22 x 3/4	5	50
691330G221	22 x 1	5	50
691330G2834	28 x 3/4	5	50
691330G281	28 x 1	5	40
691330G35114	35 x 1 1/4	2	30
691330G42112	42 x 1 1/2	2	20
691330G542	54 x 2	2	12

91330GMVA

AUG 018

Union, with flat seal, stainless steel nut, with female end and female thread



Article No.	Dimension	Bag	Box
691330GMVA1512	15 x 1/2	5	120
691330GMVA1534	15 x 3/4	5	100
691330GMVA1834	18 x 3/4	5	80
691330GMVA2234	22 x 3/4	5	50
691330GMVA221	22 x 1	5	50
691330GMVA2834	28 x 3/4	5	50
691330GMVA281	28 x 1	5	40
691330GMVA35114	35 x 1 1/4	2	30
691330GMVA42112	42 x 1 1/2	2	20
691330GMVA542	54 x 2	2	12

91333G

AUG 018

Union, with flat seal, brass nut, with female end and male thread



Article No.	Dimension	Bag	Box
691333G1512	15 x 1/2	5	150
691333G1534	15 x 3/4	5	120
691333G1812	18 x 1/2	5	100
691333G2234	22 x 3/4	5	60

Product catalogue | 2018 | (Series 91000)

91333G

AUG 018

Union, with flat seal, brass nut, with female end and male thread



Article No.	Dimension	Bag	Box
691333G281	28 x 1	5	50
691333G35114	35 x 1 1/4	2	40
691333G42112	42 x 1 1/2	2	20
691333G542	54 x 2	2	12

91333GMVA

AUG 018

Union, with flat seal, stainless nut, with female end and male thread



Article No.	Dimension	Bag	Box
691333GMVA1512	15 x 1/2	5	150
691333GMVA1534	15 x 3/4	5	120
691333GMVA1812	18 x 1/2	5	100
691333GMVA2234	22 x 3/4	5	60
691333GMVA281	28 x 1	5	50
691333GMVA35114	35 x 1 1/4	2	40
691333GMVA42112	42 x 1 1/2	2	20
691333GMVA542	54 x 2	2	12

91359M

AUG 018

Adaptor with flat seal, stainless steel nut, female end



Article No.	Dimension	Bag	Box
691359M1512	15 x 1/2	5	250
691359M1534	15 x 3/4	5	200
691359M1834	18 x 3/4	5	200
691359M221	22 x 1	5	130
691359M28114	28 x 1 1/4	5	50
691359M35112	35 x 1 1/2	2	50
691359M42134	42 x 1 3/4	2	34
691359M54238	54 x 2 3/8	2	20

91359MMS

AUG 018

Union adaptor with flat seal, brass nut, female end



Article No.	Dimension	Bag	Box
691359MMS1512	15 x 1/2	5	250
691359MMS1534	15 x 3/4	5	200
691359MMS1834	18 x 3/4	5	200
691359MMS221	22 x 1	5	130
691359MMS28114	28 x 1 1/4	5	50
691359MMS35112	35 x 1 1/2	2	50
691359MMS42134	42 x 1 3/4	2	34
691359MMS54238	54 x 2 3/8	2	20

91370G

AUG 018

Threaded hexagon adaptor, female/male thread



Article No.	Dimension	Bag	Box
691370G3434	3/4 x 3/4	5	120
691370G11	1 x 1	5	100

91471

AUG 009

Wall plate with sound insulation, with female end and female thread



Article No.	Dimension	Bag	Box
6914711512	15 x 1/2	2	30

91472G

AUG 018

Wall plate with universal flange, with female end and female thread



Article No.	Dimension	Bag	Box
691472G1512	15 x 1/2	10	90
691472G1812	18 x 1/2	10	80
691472G2234	22 x 3/4	10	60
691472G2834	28 x 3/4	o. r.	o. r.

91872

AUG 018

Axial compensator for expansion,
female/ female end



Article No.	Dimension	Bag	Box
69187215	15	1	50
69187218	18	1	50
69187222	22	1	40
69187228	28	1	40
69187235	35	1	30
69187242	42	1	16
69187254	54	1	14
69187276	76,1	1	5
69187289	88,9	1	4
691872108	108,0	1	2

91872L

AUG 018

Axial compensator for expansion,
female/ female end



Article No.	Dimension	Bag	Box
691872L15	15	1	
691872L18	18	1	120
691872L22	22	1	
691872L28	28	1	40
691872L35	35	1	
691872L42	42	1	20
691872L54	54	1	14
691872L76	76,1	1	5
691872L89	88,9	1	3
691872L108	108,0	1	2

91-VA-PF

AUG 018

Flange with female press end,
PN 10/16



Article No.	Dimension	Bag	Box
691VAPF15	DN 12 / 15	1	25
691VAPF18	DN 15 / 18	1	20
691VAPF22	DN 20 / 22	1	16
691VAPF28	DN 25 / 28	1	14
691VAPF35	DN 32 / 35	1	10
691VAPF42	DN 40 / 42	1	8
691VAPF54	DN 50 / 54	1	3

91-VA-PF

AUG 018

Flange with female press end,
PN 10/16



Article No.	Dimension	Bag	Box
691VAPF76	DN 65 / 76,1	1	2
691VAPF89	DN 80 / 88,9	1	2
691VAPF108	DN 100 / 108,0	1	1

FL-D

AUG 602

High-pressure flange seal, asbestos-free,
suitable for weld neck, threaded, press
and loose flanges, max. 400°C, resistant
against water, vapour, fuels, diluted alkaline
solutions, oils, gases (DVGW tested
according to DIN 3535 Part 6). Dimensions
according to DIN EN 1514 - 1.2 mm thick
for flanges. PN 10/16 = DIN EN 1092-1
and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D20	DN 20 (27 x 61 x 2 mm)	50	200
1D25	DN 25 (34 x 71 x 2 mm)	40	160
1D32	DN 32 (43 x 82 x 2 mm)	30	120
1D40	DN 40 (49 x 92 x 2 mm)	25	100
1D50	DN 50 (61 x 107 x 2 mm)	120	120
1D65	DN 65 (77 x 127 x 2 mm)	100	100
1D80	DN 80 (89 x 142 x 2 mm)	80	80
1D100	DN 100 (115 x 168 x 2 mm)	60	60

D-EPDM

AUG 602

Sealing ring



Article No.	Dimension	Bag	Box
1DEPDM38	3/8 nut 14 x 8 x 3	o. r.	o. r.
1DEPDM12	1/2 nut 18 x 11 x 3	o. r.	o. r.
1DEPDM34	3/4 nut 24 x 17 x 3	o. r.	o. r.
1DEPDM1	1 nut 30 x 21 x 3	o. r.	o. r.
1DEPDM114	1 1/4 nut 38 x 27 x 3	o. r.	o. r.
1DEPDM112	1 1/2 nut 44 x 32 x 3	o. r.	o. r.
1DEPDM134	1 3/4 nut 50 x 37 x 3	o. r.	o. r.
1DEPDM2	2 nut 55 x 42 x 3	o. r.	o. r.
1DEPDM238	2 3/8 nut 65 x 55 x 3	o. r.	o. r.
1DEPDM3	3 nut 85 x 70 x 3	o. r.	o. r.
1DEPDM312	3 1/2 nut 97 x 75 x 3	o. r.	o. r.

Product catalogue | 2018 | (Series 91000)

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

8987

AUG 556

Sound insulation for wall plates 9472G & 91472G



Article No.	Dimension	Bag	Box
88987	15 x 1/2 + 18 x 1/2	6	30

4992

AUG 556

Tool for marking of insertion depth for NiroSan® / NiroTherm®, with pen holder and magnet, 15 - 108 mm



Article No.	Dimension	Bag	Box
84992	15-108 mm	1	40



PIPING SYSTEMS | Stainless steel

NiroTherm® Industry

(Series 98000)

NiroTherm® Industry

Series 98000

The installation system consists of high-quality NiroTherm® Industry press fittings with a red sealing ring made from FKM (Fluoro carbon) and NiroTherm® stainless steel system pipes according to EN 10312.

The system is made from the material number 1.4301 (AISI 304). NiroTherm® Industry offers installers an attractive alternative for all situations in which cost, durability and corrosion resistance are key requirements.

NiroTherm® Industry system press fittings are marked on the outside with a read "HT" and a red dot.

Operating conditions for NiroTherm® Industry press system from stainless steel

Outer pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature NiroTherm® Industry press fittings with FKM sealing ring	-20 °C – +200 °C (depending on application)
Thread: Pipe thread: R/Rp thread according to EN 10226, Fastening thread: G-thread (union nut) according to ISO 228	

Features

- Tool compatibility and Push & Stay**
 - + **tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- First class material, lower labour cost**

NiroTherm® Industry is especially useful where carbon steel systems cannot be installed or need to be heavily protected against corrosion. NiroTherm® Industry needs less protection as the material itself offers an additional layer of safety.
- Fast installation, no risk of fire**

The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. NiroTherm® installation systems are therefore ideally suited for renovation work.
- High corrosion resistance**

The premium stainless steel type 1.4301 (AISI 304) and the exceptionally smooth, passivated surface of pipes and fittings lead to an excellent corrosion resistance.
- Exceptional flexibility**
 - **All dimensions from 15 to 108 mm**
 - **Reliable, permanent connection with NiroTherm® and NiroSan® stainless steel system pipes:**
 - Secure, permanent connection with NiroSan® pipes
 - NiroTherm® (1.4301/304), Optimised wall thickness, TIG welded, annealed for improved corrosion resistance
 - **Thread according to EN 10226 and ISO7/1 Type R and Rp**
 - **Can also be combined with SANHA®-Therm carbon steel system pipes.**

Areas of application

Compressed Air	Technical gases	Cooling water pipes
Low pressure gas systems	Fuel oil	Diesel
More applications on demand		
Solar systems	District heating supply systems	Inert gases

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 98000)

9100

AUG 480

NiroTherm® system pipe, material no. 1.4301, reduced wall thickness, in 6 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6910015	15 x 0,6		600
6910018	18 x 0,7		240
6910022	22 x 0,7		420
6910028	28 x 0,8		240
6910035	35 x 1,0		180
6910042	42 x 1,1		120
6910054	54 x 1,2		60
6910076	76,1 x 1,5		30
6910089	88,9 x 1,5		30
69100108	108 x 1,5		30

9150

AUG 480

NiroTherm® system pipe, material no. 1.4301 (304), reduced wall thickness, in 3 m lengths, for cooling, compressed air, heating and industrial applications



Article No.	Dimension	Bag	Box*
6915015	15 x 0,6		300
6915018	18 x 0,7		120
6915022	22 x 0,7		210
6915028	28 x 0,8		120
6915035	35 x 1,0		90
6915042	42 x 1,1		60
6915054	54 x 1,2		30
6915076	76,1 x 1,5		15
6915089	88,9 x 1,5		15
69150108	108 x 1,5		15

98001A

AUG 023

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
698001A15	15	10	200
698001A18	18	10	150
698001A22	22	10	100
698001A28	28	5	60

98001A

AUG 023

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
698001A35	35	2	30
698001A42	42	2	20
698001A54	54	2	10
698001A76	76,1	1	4
698001A89	88,9	1	2
698001A108	108	1	1

98001L

AUG 023

Bend 90°, long, female/male plain end



Article No.	Dimension	Bag	Box
698001L15	15	10	150
698001L18	18	10	100
698001L22	22	10	60
698001L28	28	5	30
698001L35	35	2	16
698001L42	42	2	10
698001L54	54	2	6

98002A

AUG 023

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
698002A15	15	10	200
698002A18	18	10	150
698002A22	22	10	100
698002A28	28	5	60
698002A35	35	2	30
698002A42	42	2	20
698002A54	54	2	10
698002A76	76,1	1	4
698002A89	88,9	1	2
698002A108	108,0	1	1

Product catalogue | 2018 | (Series 98000)

98002AG

AUG 023

Bend 90°, female end and male thread



Article No.	Dimension	Bag	Box
698002AG1512	15 x 1/2	10	120
698002AG1812	18 x 1/2	10	100
698002AG1834	18 x 3/4	10	80
698002AG2234	22 x 3/4	10	80
698002AG281	28 x 1	5	40
698002AG35114	35 x 1 1/4	2	20
698002AG42112	42 x 1 1/2	2	10
698002AG542	54 x 2	2	6

98002G

AUG 023

Bend 90°, female end and female thread



Article No.	Dimension	Bag	Box
698002G1512	15 x 1/2	10	100
698002G1812	18 x 1/2	10	70
698002G1834	18 x 3/4	10	70
698002G2234	22 x 3/4	10	60
698002G281	28 x 1	5	30
698002G35114	35 x 1 1/4	2	20

98002M

AUG 023

Bend 90°, nut, flat seal, female thread and female end



Article No.	Dimension	Bag	Box
698002M1534	15 x 3/4	10	100
698002M1834	18 x 3/4	10	100
698002M221	22 x 1	10	50
698002M28114	28 x 1 1/4	5	40

98040

AUG 023

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
69804015	15	10	250
69804018	18	10	200
69804022	22	10	120
69804028	28	5	80
69804035	35	2	40
69804042	42	2	26
69804054	54	2	14
69804076	76	1	5
69804089	88,9	1	3
698040108	108	1	2

98041

AUG 023

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
69804115	15	10	250
69804118	18	10	200
69804122	22	10	120
69804128	28	5	70
69804135	35	2	44
69804142	42	2	26
69804154	54	2	14
69804176	76	1	5
69804189	88,9	1	3
698041108	108	1	2

98085

AUG 023

Crossover, female/female end



Article No.	Dimension	Bag	Box
69808515	15	10	120
69808518	18	10	80
69808522	22	10	60
69808528	28	5	30

Product catalogue | 2018 | (Series 98000)

98090

AUG 023

Elbow 90°, female/female end



Article No.	Dimension	Bag	Box
69809022	22	10	100
69809028	28	5	60

98090IG

AUG 023

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
698090IG1512	15 x 1/2	10	180
698090IG1834	18 x 3/4	10	120
698090IG2234	22 x 3/4	10	100
698090IG2812	28 x 1/2	5	80
698090IG2834	28 x 3/4	5	80
698090IG281	28 x 1	5	50
698090IG3512	35 x 1/2	2	50
698090IG3534	35 x 3/4	2	50
698090IG35114	35 x 1 1/4	2	30

98092AG

AUG 023

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
698092AG1512	15 x 1/2	10	200
698092AG1834	18 x 3/4	10	120
698092AG2234	22 x 3/4	10	100
698092AG281	28 x 1	5	50
698092AG35114	35 x 1 1/4	2	40
698092AG42112	42 x 1 1/2	2	30
698092AG542	54 x 2	2	16

98130

AUG 023

Tee, female ends



Article No.	Dimension	Bag	Box
69813015	15	10	120
69813018	18	10	100

98130

AUG 023

Tee, female ends



Article No.	Dimension	Bag	Box
69813022	22	10	60
69813028	28	5	40
69813035	35	2	24
69813042	42	2	16
69813054	54	2	8
69813076	76,1	1	3
69813089	88,9	1	2
698130108	108,0	1	1
698130181515	18 x 15 x 15	10	120
698130181518	18 x 15 x 18	10	100
698130221515	22 x 15 x 15	10	100
698130221522	22 x 15 x 22	10	70
698130221818	22 x 18 x 18	10	80
698130221822	22 x 18 x 22	10	60
698130281528	28 x 15 x 28	5	50
698130281828	28 x 18 x 28	5	40
698130282222	28 x 22 x 22	5	60
698130282228	28 x 22 x 28	5	40
698130351535	35 x 15 x 35	2	30
698130351835	35 x 18 x 35	2	30
698130352235	35 x 22 x 35	2	26
698130352835	35 x 28 x 35	2	26
698130421842	42 x 18 x 42	2	22
698130422242	42 x 22 x 42	2	18
698130422842	42 x 28 x 42	2	18
698130423542	42 x 35 x 42	2	16
698130542254	54 x 22 x 54	2	10
698130542854	54 x 28 x 54	2	10
698130543554	54 x 35 x 54	2	8
698130544254	54 x 42 x 54	2	8
698130762276	76,1 x 22 x 76,1	1	5
698130762876	76,1 x 28 x 76,1	1	5
698130763576	76,1 x 35 x 76,1	1	5
698130764276	76,1 x 42 x 76,1	1	5
698130765476	76,1 x 54 x 76,1	1	4
698130892289	88,9 x 22 x 88,9	1	4
698130892889	88,9 x 28 x 88,9	1	4
698130893589	88,9 x 35 x 88,9	1	4
698130894289	88,9 x 42 x 88,9	1	3
698130895489	88,9 x 54 x 88,9	1	3
698130897689	88,9 x 76 x 88,9	1	2
69813010822108	108,0 x 22 x 108,0	1	2
69813010828108	108,0 x 28 x 108,0	1	2
69813010835108	108,0 x 35 x 108,0	1	2

Product catalogue | 2018 | (Series 98000)

98130

AUG 023

Tee, female ends



Article No.	Dimension	Bag	Box
69813010842108	108,0 x 42 x 108,0	1	2
69813010854108	108,0 x 54 x 108,0	1	1
69813010876108	108,0 x 76,1 x 108,0	1	1
69813010889108	108,0 x 88,9 x 108,0	1	1

98240

AUG 023

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
6982401815	18 x 15	10	200
6982402215	22 x 15	10	150
6982402218	22 x 18	10	150
6982402822	28 x 22	10	100

98130G

AUG 023

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
698130G151215	15 x 1/2 x 15	10	80
698130G181218	18 x 1/2 x 18	10	80
698130G183418	18 x 3/4 x 18	10	70
698130G221222	22 x 1/2 x 22	5	60
698130G223422	22 x 3/4 x 22	10	50
698130G281228	28 x 1/2 x 28	5	40
698130G283428	28 x 3/4 x 28	5	40
698130G28128	28 x 1 x 28	5	40
698130G351235	35 x 1/2 x 35	2	30
698130G353435	35 x 3/4 x 35	2	30
698130G3511435	35 x 1 1/4 x 35	2	24
698130G421242	42 x 1/2 x 42	2	20
698130G423442	42 x 3/4 x 42	2	20
698130G4211242	42 x 1 1/2 x 42	2	12
698130G541254	54 x 1/2 x 54	2	12
698130G543454	54 x 3/4 x 54	2	12
698130G54254	54 x 2 x 54	2	8
698130G763476	76,1 x 3/4 x 76,1	1	4
698130G76176	76,1 x 1 x 76,1	1	4
698130G76276	76,1 x 2 x 76,1	1	4
698130G893489	88,9 x 3/4 x 88,9	1	4
698130G89289	88,9 x 2 x 88,9	1	4
698130G10834108	108,0 x 3/4 x 108,0	1	2
698130G1082108	108,0 x 2 x 108,0	1	2

98243

AUG 023

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
6982431815	18a x 15	10	300
6982432215	22a x 15	10	200
6982432218	22a x 18	10	200
6982432815	28a x 15	5	120
6982432818	28a x 18	5	100
6982432822	28a x 22	5	120
6982433518	35a x 18	2	70
6982433522	35a x 22	2	70
6982433528	35a x 28	2	60
6982434222	42a x 22	2	40
6982434228	42a x 28	2	40
6982434235	42a x 35	2	40
6982435428	54a x 28	2	30
6982435435	54a x 35	2	30
6982435442	54a x 42	2	30
6982437654	76,1a x 54	2	16
6982438954	88,9a x 54	2	8
6982438976	88,9a x 76,1	2	8
69824310854	108,0a x 54	2	4
69824310876	108,0a x 76,1	2	4
69824310889	108,0a x 88,9	2	4

Product catalogue | 2018 | (Series 98000)

98243G

AUG 023

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
698243G1538	15 x 3/8	10	300
698243G1512	15 x 1/2	10	250
698243G1534	15 x 3/4	10	200
698243G1812	18 x 1/2	10	250
698243G1834	18 x 3/4	10	200
698243G2212	22 x 1/2	10	180
698243G2234	22 x 3/4	10	200
698243G221	22 x 1	10	150
698243G2834	28 x 3/4	5	100
698243G281	28 x 1	5	90
698243G3512	35 x 1/2	2	
698243G3534	35 x 3/4	2	
698243G351	35 x 1	2	60
698243G35114	35 x 1 1/4	2	40
698243G4234	42 x 3/4	2	
698243G42112	42 x 1 1/2	2	30
698243G542	54 x 2	2	20
698243G76212	76 x 2 1/2	1	8
698243G893	88,9 x 3	1	6
698243G1084	108,0 x 4	1	4

98250

AUG 023

Adaptor, with male plain end and groove for tube coupling



Article No.	Dimension	Bag	Box
69825028337	28 x 33,7	5	80
69825035424	35 x 42,4	2	50
69825042483	42 x 48,3	2	40
69825054603	54 x 60,3	2	28
698250761761	76,1 x 76,1	1	10
698250889889	88,9 x 88,9	1	6
698250108114	108 x 1 14	1	5

98270

AUG 023

Coupling, female/female end



Article No.	Dimension	Bag	Box
69827015	15	10	300

98270

AUG 023

Coupling, female/female end



Article No.	Dimension	Bag	Box
69827018	18	10	200
69827022	22	10	150
69827028	28	5	80
69827035	35	2	50
69827042	42	2	30
69827054	54	2	24
69827076	76	1	10
69827089	88,9	1	6
698270108	108,0	1	4

98270G

AUG 023

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
698270G1512	15 x 1/2	10	200
698270G1534	15 x 3/4	10	180
698270G1812	18 x 1/2	10	200
698270G1834	18 x 3/4	10	170
698270G2212	22 x 1/2	10	170
698270G2234	22 x 3/4	10	150
698270G221	22 x 1	10	120
698270G2834	28 x 3/4	5	100
698270G281	28 x 1	5	80
698270G35114	35 x 1 1/4	2	36
698270G42112	42 x 1 1/2	2	28
698270G542	54 x 2	2	20

98270S

AUG 023

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
698270S15	15	10	200
698270S18	18	10	150
698270S22	22	10	100
698270S28	28	5	80
698270S35	35	2	50
698270S42	42	2	40
698270S54	54	2	20

Product catalogue | 2018 | (Series 98000)

98270S

AUG 023

Slip coupling, female/female end



Article No.	Dimension	Bag	Box	
698270S76	76,1	1	10	
698270S89	88,9	1	4	
698270S108	108	1	3	

98301

AUG 023

Cap, female end



Article No.	Dimension	Bag	Box	
69830115	15	10	400	
69830118	18	10	300	
69830122	22	10	200	
69830128	28	5	150	
69830135	35	2	80	
69830142	42	2	50	
69830154	54	2	30	
69830176	76	1	20	
69830189	89	1	14	
698301108	108	1	10	

98301E

AUG 023

Cap, female end, for bleeding air



Article No.	Dimension	Bag	Box	
698301E7634	76 x 3/4	1		
698301E8934	88,9 x 3/4	1		
698301E10834	108 x 3/4	1	6	

98330

AUG 023

Union, with flat seal, stainless steel nut, female/female end



Article No.	Dimension	Bag	Box	
69833015	15	5	120	
69833018	18	5	80	

98330

AUG 023

Union, with flat seal, stainless steel nut, female/female end



Article No.	Dimension	Bag	Box	
69833022	22	5	50	
69833028	28	5	35	
69833035	35	2	30	
69833042	42	2	20	
69833054	54	2	12	

98330G

AUG 023

Union, flat seal, brass nut, female end and female thread



Article No.	Dimension	Bag	Box	
698330G1534	15 x 3/4	5	100	
698330G1834	18 x 3/4	5	80	
698330G2234	22 x 3/4	5	50	
698330G221	22 x 1	5	50	
698330G2834	28 x 3/4	5	50	
698330G281	28 x 1	5	40	
698330G35114	35 x 1 1/4	2	30	
698330G42112	42 x 1 1/2	2	20	
698330G542	54 x 2	2	12	

98330GMVA

AUG 023

Union, flat seal, stainless steel nut, female end and female thread



Article No.	Dimension	Bag	Box	
698330GMVA1512	15 x 1/2	5	120	
698330GMVA1534	15 x 3/4	5	100	
698330GMVA1834	18 x 3/4	5	80	
698330GMVA2234	22 x 3/4	5	50	
698330GMVA221	22 x 1	5	50	
698330GMVA2834	28 x 3/4	5	50	
698330GMVA281	28 x 1	5	40	
698330GMVA35114	35 x 1 1/4	2	30	
698330GMVA42112	42 x 1 1/2	2	20	
698330GMVA542	54 x 2	2	12	

Product catalogue | 2018 | (Series 98000)

98333G

AUG 023

Union, flat seal, brass nut, female end and male thread



Article No.	Dimension	Bag	Box
698333G1512	15 x 1/2	5	150
698333G1534	15 x 3/4	5	120
698333G1812	18 x 1/2	5	100
698333G2234	22 x 3/4	5	60
698333G281	28 x 1	5	50
698333G35114	35 x 1 1/4	2	40
698333G42112	42 x 1 1/2	2	20
698333G542	54 x 2	2	12

98333GMVA

AUG 023

Union, flat seal, stainless steel nut, female end and male thread



Article No.	Dimension	Bag	Box
698333GMVA1512	15 x 1/2	5	150
698333GMVA1534	15 x 3/4	5	120
698333GMVA1812	18 x 1/2	5	100
698333GMVA2234	22 x 3/4	5	60
698333GMVA281	28 x 1	5	50
698333GMVA35114	35 x 1 1/4	2	40
698333GMVA42112	42 x 1 1/2	2	20
698333GMVA542	54 x 2	2	12

98359M

AUG 023

Union, flat seal, stainless steel nut, female/female end



Article No.	Dimension	Bag	Box
698359M1512	15 x 1/2	5	250
698359M1534	15 x 3/4	5	200
698359M1834	18 x 3/4	5	200
698359M221	22 x 1	5	130
698359M28114	28 x 1 1/4	5	50
698359M35112	35 x 1 1/2	2	50
698359M42134	42 x 13/4	2	34
698359M54238	54 x 23/8	2	20

98472G

AUG 023

Wall plate with universal flange, female end and female thread



Article No.	Dimension	Bag	Box
698472G1512	15 x 1/2	10	90
698472G1812	18 x 1/2	10	80
698472G2234	22 x 3/4	10	60
698472G2834	28 x 3/4	o.r.	o.r.

98872

AUG 023

Axial compensator to compensate expansion, female/female end



Article No.	Dimension	Bag	Box
69887215	15	1	50
69887218	18	1	50
69887222	22	1	40
69887228	28	1	40
69887235	35	1	30
69887242	42	1	16
69887254	54	1	14
69887289	89	1	4
698872108	108	1	2

98872L

AUG 023

Axial compensator to compensate expansion, female/female end



Article No.	Dimension	Bag	Box
698872L15	15	1	
698872L18	18	1	120
698872L22	22	1	
698872L28	28	1	40
698872L35	35	1	
698872L42	42	1	20
698872L54	54	1	14
698872L76	76,1	1	5
698872L89	88,9	1	3
698872L108	108	1	2

Product catalogue | 2018 | (Series 98000)

98-VA-PF

AUG 023

Press flange PN 10/16, for industrial applications, with female end



Article No.	Dimension	Bag	Box
698VAPF15	DN 12 / 15	1	25
698VAPF18	DN 15 / 18	1	20
698VAPF22	DN 20 / 22	1	16
698VAPF28	DN 25 / 28	1	14
698VAPF35	DN 32 / 35	1	10
698VAPF42	DN 40 / 42	1	8
698VAPF54	DN 50 / 54	1	3
698VAPF76	DN 65 / 76,1	1	2
698VAPF89	DN 80 / 88,9	1	2
698VAPF108	DN 100 / 108,0	1	1

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D20	DN 20 (27 x 61 x 2 mm)	50	200
1D25	DN 25 (34 x 71 x 2 mm)	40	160
1D32	DN 32 (43 x 82 x 2 mm)	30	120
1D40	DN 40 (49 x 92 x 2 mm)	25	100
1D50	DN 50 (61 x 107 x 2 mm)	120	120
1D65	DN 65 (77 x 127 x 2 mm)	100	100
1D80	DN 80 (89 x 142 x 2 mm)	80	80
1D100	DN 100 (115 x 168 x 2 mm)	60	60

DR-S

AUG 601

High temperature FKM seal



Article No.	Dimension	Bag	Box
DR15S01	15,10 x 2,60	o. r.	o. r.
DR18S01	18,20 x 2,65	o. r.	o. r.
DR22S01	22,20 x 3,10	o. r.	o. r.
DR28S01	28,30 x 3,10	o. r.	o. r.
DR35S02	35,20 x 3,15	o. r.	o. r.
DR42S02	42,20 x 4,00	o. r.	o. r.
DR54S02	54,20 x 4,00	o. r.	o. r.
DR64S01	65,00 x 6,00	o. r.	o. r.
DR76S01	77,00 x 7,00	o. r.	o. r.
DR89S02	90,00 x 8,00	o. r.	o. r.
DR108S02	110,00 x 10,00	o. r.	o. r.

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

4992

AUG 556

Tool for marking of insertion depth for NiroSan® / NiroTherm®, with pen holder and magnet, 15 - 108 mm



Article No.	Dimension	Bag	Box
84992	15 - 108 mm	1	40



PIPING SYSTEMS | Lead-free silicon bronze

PURAPRESS®

(Series 8000)



PURAPRESS®

Series 8000

PURAPRESS® are unique modern premium transition press fittings for copper and stainless steel pipes made from completely lead-free silicon bronze CuSi (mat no CW724R). They are tested and approved for reliable connections with copper pipes according to EN 1057 and NiroSan® stainless steel system tubes and certified by all relevant national and international certification bodies.

Press fittings of the PURAPRESS® series are, just like our capillary fittings of the series PURAFIT, manufactured from lead-free premium material silicon bronze CuSi and therefore an excellent solution for non-lead contaminated drinking water installations. In this way, installers can always be certain that their installation does not contain lead and that they will not be subject to any legal claims should the strict lead tolerances in drinking water installations ever be exceeded. By providing this lead-free alternative to conventional materials, SANHA also satisfies the market demand for safe and healthy drinking water installations.

In combination with our tried and trusted NiroSan® stainless steel system pipes, PURAPRESS® premium fittings combine the well-known positive properties of corrosion resistant copper and stainless steel in terms of hygiene, corrosion resistance, long service life and sustainability while at the same time offering a extremely attractive economical solution.

Our system press fittings PURAPRESS® have been awarded the highly-coveted Plus X Award for functionality and high quality by a jury of renowned experts.

Operating conditions for PURAPRESS® from lead-free silicon bronze for copper and NiroSan® stainless steel system pipes

Outer pipe diameter	Outer pipe diameter	Operating pressure
Water and aqueous solutions		
d ≤ 108 mm		16 bar
Technical gases (non-toxic, non-flammable)		
d ≤ 108 mm		16 bar
Operating temperature PURAPRESS® with EPDM sealing ring		-30 °C – +120 °C
Type of thread:		
Pipe thread: R/Rp thread according to En 10226, Fastening thread: G thread according to ISO 226		

Features

- **combipress =**
 - + **tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Leak path feature** (certified forced leakage before pressing with EPDM and HNBR sealing rings) in combination with
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Lead-free silicon bronze CuSi**
The use of this exceptional, specially adapted material completely avoids any lead contamination of drinking water through the installation itself. Installers can therefore be certain when it comes to the strict regulations of the Drinking Water Directive regarding lead.
- **Fast installation, no risk of fire**
The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. PURAPRESS® installation systems are therefore ideally suited for renovation work.
- **Hygienic premium solution, high corrosion resistance:**
Our premium material silicon bronze CuSi is exceptionally resistant against dezincification and free of tension-crack corrosion - equivalent to red brass. The smooth, passivated surface and dezincification resistance make PURAPRESS® an excellent solution in terms of hygiene since bio-films and particles are considerably less likely to adhere to the inner surface.
- **Exceptional flexibility**
 - **All dimensions from 12 to 108 mm including 64 and 67 mm available**
 - **Reliable, permanent connection with NiroSan® stainless steel system pipes:**
 - copper pipes according to EN 1057.
 - NiroSan® (1.4404/316L), TIG-welded, annealed, low carbon, high (≥ 2,3 %) molybdenum content for increased corrosion resistance. Labelled in black lettering.
 - NiroSan® ECO (1.4404/316L), Optimised wall thickness, TIG-welded, annealed, low carbon, high (≥ 2,3 %) molybdenum content for increased corrosion resistance.
 - NiroSan®-F (1.4521/444), TIG-welded, pickled for improved corrosion resistance, nickle-free
 - **Thread according to EN 10226 and/or ISO7/1 Typ R and Rp**

Areas of application

Drinking water	Heating	Rainwater
Compressed Air	Fire extinguishing systems	Inert gases
Cooling water pipes		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 8000)

6000

AUG

Copper pipes according to EN 1057 / GW 392



Article No.	Dimension	Bag	Box*
16000		o. r.	o. r.

9000

AUG 472

NiroSan® system pipe, material no. 1.4404 in 6 m lengths



Article No.	Dimension	Bag	Box*
6900015	15 x 1,0		600
6900018	18 x 1,0		240
6900022	22 x 1,2		420
6900028	28 x 1,2		240
6900035	35 x 1,5		180
6900042	42 x 1,5		120
6900054	54 x 1,5		60
6900064	64 x 2,0		60
6900076	76,1 x 2,0		30
6900089	88,9 x 2,0		30
6900108	108,0 x 2,0		30

9500

AUG 472

NiroSan® system pipe, material no. 1.4404 (316L), in 3 m lengths



Article No.	Dimension	Bag	Box*
6950015	15 x 1,0		300
6950018	18 x 1,0		120
6950022	22 x 1,2		210
6950028	28 x 1,2		120
6950035	35 x 1,5		90
6950042	42 x 1,5		60
6950054	54 x 1,5		30
6950076	76,1 x 2,0		15
6950089	88,9 x 2,0		15
6950108	108,0 x 2,0		15

9600

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 6 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6960015	15 x 0,6		600
6960018	18 x 0,7		240
6960022	22 x 0,7		420
6960028	28 x 0,8		240
6960035	35 x 1,0		180
6960042	42 x 1,1		120
6960054	54 x 1,2		60
6960076	76,1 x 1,5		30
6960089	88,9 x 1,5		30
6960108	108 x 1,5		30

9650

AUG 473

NiroSan®-ECO system pipe, material no. 1.4404 (316L) reduced wall thickness, in 3 m lengths, for potable water and heating installations



Article No.	Dimension	Bag	Box*
6965015	15 x 0,6		o. r.
6965018	18 x 0,7		o. r.
6965022	22 x 0,7		o. r.
6965028	28 x 0,8		o. r.
6965035	35 x 1,0		o. r.
6965042	42 x 1,1		o. r.
6965054	54 x 1,2		o. r.
6965076	76,1 x 1,5		o. r.
6965089	88,9 x 1,5		o. r.
6965108	108 x 1,5		o. r.

9700

AUG 475

NiroSan®-F system pipe, material no. 1.4521, in 6 m lengths



Article No.	Dimension	Bag	Box*
6970015	15 x 1,0		600
6970018	18 x 1,0		240
6970022	22 x 1,2		420
6970028	28 x 1,2		240
6970035	35 x 1,5		180
6970042	42 x 1,5		120

Product catalogue | 2018 | (Series 8000)

9700

AUG 475

NiroSan®-F system pipe, material no. 1.4521, in 6 m lengths



Article No.	Dimension	Bag	Box*
6970054	54 x 1,5		60
6970076	76,1 x 2,0		30
6970089	88,9 x 2,0		30
69700108	108,0 x 2,0		30

8090G

AUG 002

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
180901238	12 x 3/8	10	150
180901212	12 x 1/2	10	150
180901412	14 x 1/2	10	150
180901538	15 x 3/8	10	150
180901512	15 x 1/2	10	150
180901534	15 x 3/4	10	100
180901612	16 x 1/2	10	150
180901812	18 x 1/2	10	150
180901834	18 x 3/4	10	100
180902212	22 x 1/2	10	100
180902234	22 x 3/4	10	80
18090221	22 x 1	10	40
180902812	28 x 1/2	5	60
180902834	28 x 3/4	5	50
18090281	28 x 1	5	30
1809035114	35 x 1 1/4	2	20
1809042112	42 x 1 1/2	2	12
18090542	54 x 2	2	6

8092G

AUG 002

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
180921238	12 x 3/8	10	250
180921212	12 x 1/2	10	250
180921412	14 x 1/2	10	200
180921538	15 x 3/8	10	200

8092G

AUG 002

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
180921512	15 x 1/2	10	200
180921612	16 x 1/2	10	150
180921812	18 x 1/2	10	160
180921834	18 x 3/4	10	120
180922212	22 x 1/2	10	100
180922234	22 x 3/4	10	80
18092221	22 x 1	10	60
18092281	28 x 1	5	50
1809235114	35 x 1 1/4	2	30
1809242112	42 x 1 1/2	2	12
18092542	54 x 2	2	10

8096G

AUG 002

Elbow union, flat sealing, female end and female thread



Article No.	Dimension	Bag	Box
180961212	12 x 1/2	5	120
180961512	15 x 1/2	5	100
180961812	18 x 1/2	5	80
180961834	18 x 3/4	5	50
180962234	22 x 3/4	5	50
18096221	22 x 1	5	25
18096281	28 x 1	5	25
1809635114	35 x 1 1/4	2	16
1809642112	42 x 1 1/2	2	10
18096542	54 x 2	2	6

8130G

AUG 002

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
181301212	12 x 1/2 x 12	10	120
181301412	14 x 1/2 x 14	10	120
181301538	15 x 3/8 x 15	10	100
181301512	15 x 1/2 x 15	10	100
181301612	16 x 1/2 x 16	10	100
181301812	18 x 1/2 x 18	10	90

Product catalogue | 2018 | (Series 8000)

8130G

AUG 002

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
181302212	22 x 1/2 x 22	10	60
181302234	22 x 3/4 x 22	10	50
181302812	28 x 1/2 x 28	5	40
181302834	28 x 3/4 x 28	5	40
181303512	35 x 1/2 x 35	2	30
18130351	35 x 1 x 35	2	20
181304212	42 x 1/2 x 42	2	18
181305412	54 x 1/2 x 54	2	10

8243G

AUG 002

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
182431238	12 x 3/8	10	400
182431212	12 x 1/2	10	300
182431438	14 x 3/8	10	400
182431412	14 x 1/2	10	250
182431538	15 x 3/8	10	400
182431512	15 x 1/2	10	250
182431534	15 x 3/4	10	180
182431612	16 x 1/2	10	250
182431634	16 x 3/4	10	200
182431812	18 x 1/2	10	200
182431834	18 x 3/4	10	150
182432212	22 x 1/2	10	150
182432234	22 x 3/4	10	120
18243221	22 x 1	10	80
182432834	28 x 3/4	5	100
18243281	28 x 1	5	80
1824328114	28 x 1 1/4	5	50
18243351	35 x 1	2	60
1824335114	35 x 1 1/4	2	40
1824335112	35 x 1 1/2	2	44
1824342114	42 x 1 1/4	2	30
1824342112	42 x 1 1/2	2	30
1824354112	54 x 1 1/2	2	20
18243542	54 x 2	2	16
1824364212	64 x 2 1/2	1	10
1824367212	67 x 2 1/2	1	10
1824376212	76,1 x 2 1/2	1	5
18243763	76,1 x 3	1	5

8243G

AUG 002

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
18243893	88,9 x 3	1	4
182431084	108,0 x 4	1	2

8246G

AUG 002

Transition element, with male plain end and female thread



Article No.	Dimension	Bag	Box
182461212	12a x 1/2	10	250
182461538	15a x 3/8	10	250
182461512	15a x 1/2	10	200
182461812	18a x 1/2	10	200
182461834	18a x 3/4	10	150
182462212	22a x 1/2	10	200
182462234	22a x 3/4	10	120
182462834	28a x 3/4	5	120
18246281	28a x 1	5	80
1824635114	35a x 1 1/4	2	40
1824642112	42a x 1 1/2	2	26
18246542	54a x 2	2	16

8270G

AUG 002

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
182701238	12 x 3/8	10	400
182701212	12 x 1/2	10	300
182701438	14 x 3/8	10	300
182701412	14 x 1/2	10	250
182701538	15 x 3/8	10	300
182701512	15 x 1/2	10	250
182701534	15 x 3/4	10	150
182701612	16 x 1/2	10	250
182701634	16 x 3/4	10	150
182701812	18 x 1/2	10	200
182701834	18 x 3/4	10	150
182702212	22 x 1/2	10	150
182702234	22 x 3/4	10	120
18270221	22 x 1	10	80

Product catalogue | 2018 | (Series 8000)

8270G

AUG 002

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
182702834	28 x 3/4	5	100
18270281	28 x 1	5	70
1827028114	28 x 1 1/4	5	40
18270351	35 x 1	2	60
1827035114	35 x 1 1/4	2	40
1827035112	35 x 1 1/2	2	30
1827042114	42 x 1 1/4	2	30
1827042112	42 x 1 1/2	2	30
1827054112	54 x 1 1/2	2	24
18270542	54 x 2	2	20
1827064212	64 x 2 1/2	1	10
1827067212	67 x 2 1/2	1	10
182706212	76,1 x 2 1/2	1	5
18270893	88,9 x 3	1	3

8270FC2

AUG 002

MultiPort coupling, with female ends and 2 ports



Article No.	Dimension	Bag	Box
18270FC26712	67 x 1/2	o. r.	o. r.
18270FC27612	76,1 x 1/2	o. r.	o. r.

8270FC3

AUG 002

MultiPort coupling, with female ends and 3 ports



Article No.	Dimension	Bag	Box
18270FC38934	88,9 x 3/4	o. r.	o. r.

8270FC4

AUG 002

MultiPort coupling, with female ends and 4 ports



Article No.	Dimension	Bag	Box
18270FC410834	108,0 x 3/4	o. r.	o. r.

8280G

AUG 002

Male adaptor, with male plain end and male thread



Article No.	Dimension	Bag	Box
182801212	12a x 1/2	10	350
182801538	15a x 3/8	10	350
182801512	15a x 1/2	10	350
182801812	18a x 1/2	10	250
182801834	18a x 3/4	10	150
182802212	22a x 1/2	10	150
182802234	22a x 3/4	10	150
18280221	22a x 1	10	
182802834	28a x 3/4	5	100
18280281	28a x 1	5	60
1828035114	35a x 1 1/4	2	40
1828042112	42a x 1 1/2	2	30
18280542	54a x 2	2	16

8330

AUG 002

Union, flat sealing, female/female end



Article No.	Dimension	Bag	Box
1833015	15	5	100
1833018	18	5	100
1833022	22	5	60
1833028	28	5	40
1833035	35	2	30
1833042	42	2	18
1833054	54	2	10

8330G

AUG 002

Union, flat sealing, with female end and female thread



Article No.	Dimension	Bag	Box
183301512	15 x 1/2	5	120
183301534	15 x 3/4	5	80
183301812	18 x 1/2	5	120
183301834	18 x 3/4	5	80
183302234	22 x 3/4	5	60
18330221	22 x 1	5	50

Product catalogue | 2018 | (Series 8000)

8330G

AUG 002

Union, flat sealing, with female end and female thread



Article No.	Dimension	Bag	Box
183302834	28 x 3/4	5	40
18330281	28 x 1	5	40
1833035114	35 x 1 1/4	2	30
1833042112	42 x 1 1/2	2	20
18330542	54 x 2	2	10

8333G

AUG 002

Union, flat sealing, with female end and male thread



Article No.	Dimension	Bag	Box
183331238	12 x 3/8	5	150
183331212	12 x 1/2	5	150
183331512	15 x 1/2	5	120
183331534	15 x 3/4	5	100
183331812	18 x 1/2	5	100
183331834	18 x 3/4	5	80
183332212	22 x 1/2	5	60
183332234	22 x 3/4	5	60
18333221	22 x 1	5	60
183332834	28 x 3/4	5	40
18333281	28 x 1	5	40
1833335114	35 x 1 1/4	2	20
1833342112	42 x 1 1/2	2	12
18333542	54 x 2	2	8

8359G

AUG 002

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
183591212	12 x 1/2	5	350
183591234	12 x 3/4	5	200
183591438	14 x 3/8	5	300
183591412	14 x 1/2	5	250
183591534	15 x 3/4	5	200
18359151	15 x 1	5	120

8359G

AUG 002

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
183591634	16 x 3/4	5	200
183591834	18 x 3/4	5	160
18359181	18 x 1	5	120
183592234	22 x 3/4	5	120
18359221	22 x 1	5	100
1835922114	22 x 1 1/4	5	80
1835922112	22 x 1 1/2	5	60
1835928114	28 x 1 1/4	5	80
1835928112	28 x 1 1/2	5	50
1835935112	35 x 1 1/2	2	40
18359352	35 x 2	2	30
1835942134	42 x 13/4	2	30
18359422	42 x 2	2	30
1835954238	54 x 23/8	2	16
18359763	76,1 x 3	1	10
1835989312	88,9 x 3 1/2	1	6

8472G

AUG 002

Wall plate, with female end and female thread



Article No.	Dimension	Bag	Box
184721212	12 x 1/2	10	120
184721412	14 x 1/2	10	100
184721512	15 x 1/2	10	100
184721612	16 x 1/2	10	100
184721812	18 x 1/2	10	90
184721834	18 x 3/4	10	60
184722212	22 x 1/2	10	60
184722234	22 x 3/4	10	60

8473G

AUG 002

Wall plate with universal flange, with female end and female thread



Article No.	Dimension	Bag	Box
184731512	15 x 1/2	10	80
184732234	22 x 3/4	10	60

Product catalogue | 2018 | (Series 8000)

8478GZ

AUG 002

Double wallplate, lead-free, with female end and female thread



Article No.	Dimension	Bag	Box
18478GZ151215	15 x 1/2 x 15	1	15
18478GZ151216	15 x 1/2 x 16	1	o.r.
18478GZ151218	15 x 1/2 x 18	1	20
18478GZ151222	15 x 1/2 x 22	1	o.r.
18478GZ161216	16 x 1/2 x 16	1	o.r.
18478GZ161218	16 x 1/2 x 18	1	o.r.
18478GZ161222	16 x 1/2 x 22	1	o.r.
18478GZ181215	18 x 1/2 x 15	1	15
18478GZ181218	18 x 1/2 x 18	1	15
18478GZ181222	18 x 1/2 x 22	1	15
18478GZ221215	22 x 1/2 x 15	1	15
18478GZ221218	22 x 1/2 x 18	1	15
18478GZ221222	22 x 1/2 x 22	1	15

3514

AUG 112

Extension piece



Article No.	Dimension	Bag	Box
13514341218	G3/4 x R1/2 x 18	10	200
13514341230	G3/4 x R1/2 x 30	10	150
13514341245	G3/4 x R1/2 x 45	10	100

912

AUG 031

Installation set for concealed cistern elbow no 23091UP and lightweight walls, comprising one hexagon brass nut and 2 seals



Article No.	Dimension	Bag	Box
291234	3/4	1	180

8976G

AUG 002

Mounting unit, female solder ends and female threads



Article No.	Dimension	Bag	Box
189761512	15 x 1/2		20

8980G

AUG 002

Installation set for fastening wall plates



Article No.	Dimension	Bag	Box
18980G1512	15 x 1/2	1	o.r.
18980G1812	18 x 1/2	1	o.r.
18980G2212	22 x 1/2	1	o.r.

8981G

AUG 002

Installation set with wall plate



Article No.	Dimension	Bag	Box
18981G151215	15 x 1/2 x 15	1	o.r.
18981G151218	15 x 1/2 x 18	1	o.r.
18981G151222	15 x 1/2 x 22	1	o.r.
18981G181215	18 x 1/2 x 15	1	o.r.
18981G181218	18 x 1/2 x 18	1	o.r.
18981G181222	18 x 1/2 x 22	1	o.r.
18981G221215	22 x 1/2 x 15	1	o.r.
18981G221218	22 x 1/2 x 18	1	o.r.
18981G221222	22 x 1/2 x 22	1	o.r.

PURA-PF

AUG 002

Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box
1PURAPF28	DN 25 / 28 mm	1	5
1PURAPF35	DN 32 / 35 mm	1	3
1PURAPF42	DN 40 / 42 mm	1	3
1PURAPF54	DN 50 / 54 mm	1	2
1PURAPF64	DN - / 64 mm	1	4
1PURAPF67	DN - / 67 mm	1	4
1PURAPF76	DN 65 / 76,1 mm	1	3
1PURAPF76_DN80	DN 80 / 76,1 mm	1	3
1PURAPF89	DN 80 / 88,9 mm	1	3
1PURAPF108	DN 100 / 108,0 mm	1	2

Product catalogue | 2018 | (Series 8000)

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D25	DN 25 (34 x 71 x 2 mm)	40	160
1D32	DN 32 (43 x 82 x 2 mm)	30	120
1D40	DN 40 (49 x 92 x 2 mm)	25	100
1D50	DN 50 (61 x 107 x 2 mm)	120	120
1D65	DN 65 (77 x 127 x 2 mm)	100	100
1D80	DN 80 (89 x 142 x 2 mm)	80	80
1D100	DN 100 (115 x 168 x 2 mm)	60	60

D-EPDM

AUG 602

Sealing ring



Article No.	Dimension	Bag	Box
1DEPDM38	3/8 nut 14 x 8 x 3	o. r.	o. r.
1DEPDM12	1/2 nut 18 x 11 x 3	o. r.	o. r.
1DEPDM34	3/4 nut 24 x 17 x 3	o. r.	o. r.
1DEPDM1	1 nut 30 x 21 x 3	o. r.	o. r.
1DEPDM114	1 1/4 nut 38 x 27 x 3	o. r.	o. r.
1DEPDM112	1 1/2 nut 44 x 32 x 3	o. r.	o. r.
1DEPDM134	1 3/4 nut 50 x 37 x 3	o. r.	o. r.
1DEPDM2	2 nut 55 x 42 x 3	o. r.	o. r.
1DEPDM238	2 3/8 nut 65 x 55 x 3	o. r.	o. r.
1DEPDM3	3 nut 85 x 70 x 3	o. r.	o. r.
1DEPDM312	3 1/2 nut 97 x 75 x 3	o. r.	o. r.

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

8983

AUG 556

Insulation for CuSi wall plates



Article No.	Dimension	Bag	Box
88983		6	30

8985

AUG 556

Sound insulation for wall plates 8472G



Article No.	Dimension	Bag	Box
88985	15 x 1/2 + 18 x 1/2	6	30

8986

AUG 556

Sound insulation for wall plates 25473G



Article No.	Dimension	Bag	Box
88986	16 x 1/2 + 20 x 1/2	6	30

8987

AUG 556

Sound insulation for wall plates 9472G & 91472G



Article No.	Dimension	Bag	Box
88987	15 x 1/2 + 18 x 1/2	6	30

4993

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS®, 12 -108 mm, with pen holder and magnet



Article No.	Dimension	Bag	Box
84993	12 - 108 mm	1	40



PIPING SYSTEMS | Copper

SANHA®-Press

(Series 6000)

combipress
= Tool Compatibility + Push & Stay
+ Leak Path Feature
exclusive from SANHA



SANHA®-Press

Series 6000

System press fittings from copper for copper pipes according to EN 1057 for drinking water and heating installations. SANHA®-Press system fittings are well known for outstanding quality, easy to work with and offer the right solution for a wide range of applications, be they residential or office buildings. They can be ideally combined with our unique PURAPRESS® series 8000 made of completely lead-free copper alloy silicon bronze. They come with black moulded sealing rings.

All system press fittings of our series 6000 are tested and certified by all relevant national and international certification bodies.

Operating conditions SANHA®-Press from copper	
Outside pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature SANHA®-Press with black EPDM sealing ring	
-30 °C – +120 °C	
Type of thread: Pipe thread: R/Rp thread according to EN 10226, Fastening thread: G thread according to ISO 228	

Features

- **combiPress =**
 - + **tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Leak path feature** (certified forced leakage before pressing with EPDM and HNBR sealing rings) in combination with
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Fast installation, no risk of fire**
The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. SANHA®-Press installation systems are therefore ideally suited for renovation work.
- **High corrosion resistance**
The exceptionally smooth, passivated surface of pipes and fittings leads to an excellent corrosion resistance.
- **Exceptional flexibility**
 - All dimensions from 12 to 108 mm including 64 and 67 mm available
 - Reliable, permanent connection with copper pipes according to EN 1057
 - Thread according to EN 10226 and/or ISO7/1 Typ R and Rp

Areas of application

Drinking water	Heating	Rainwater
Solar systems	Compressed Air	Fire extinguishing systems
Sprinkler systems (wet)	Ship building	Inert gases
Cooling water pipes		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 6000)

6000

AUG

Copper pipes according to EN 1057 / GW 392



Article No.	Dimension	Bag	Box*
16000		o. r.	o. r.

6001A

AUG 001

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
16001A12	12	10	500
16001A14	14	10	400
16001A15	15	10	350
16001A16	16	10	300
16001A18	18	10	250
16001A22	22	10	130
16001A28	28	5	75
16001A35	35	2	40
16001A42	42	2	22
16001A54	54	2	10
16001A64	64	1	8
16001A67	67	1	8
16001A76	76,1	1	5
16001A89	88,9	1	3
16001A108	108,0	1	1

6002A

AUG 001

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
16002A12	12	10	500
16002A14	14	10	350
16002A15	15	10	300
16002A16	16	10	300
16002A18	18	10	200
16002A22	22	10	130
16002A28	28	5	80
16002A35	35	2	40

6002A

AUG 001

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
16002A42	42	2	24
16002A54	54	2	10
16002A64	64	1	8
16002A67	67	1	6
16002A76	76,1	1	4
16002A89	88,9	1	2
16002A108	108,0	1	1

6001L

AUG 001

Bend 90°, long, female/male plain end



Article No.	Dimension	Bag	Box
16001L15	15	10	250

6040

AUG 001

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
1604012	12	10	600
1604014	14	10	400
1604015	15	10	400
1604016	16	10	400
1604018	18	10	300
1604022	22	10	180
1604028	28	5	90
1604035	35	2	50
1604042	42	2	30
1604054	54	2	16
1604064	64	1	12
1604067	67	1	10
1604076	76,1	1	6
1604089	88,9	1	3
16040108	108,0	1	2

Product catalogue | 2018 | (Series 6000)

6041

AUG 001

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
1604112	12	10	600
1604114	14	10	400
1604115	15	10	350
1604116	16	10	400
1604118	18	10	250
1604122	22	10	160
1604128	28	5	100
1604135	35	2	50
1604142	42	2	30
1604154	54	2	14
1604164	64	1	10
1604167	67	1	12
1604176	76,1	1	6
1604189	88,9	1	3
16041108	108,0	1	2

6085

AUG 001

Crossover, female/female end



Article No.	Dimension	Bag	Box
1608512	12	10	200
1608514	14	10	200
1608515	15	10	150
1608516	16	10	150
1608518	18	10	90
1608522	22	10	50
1608528	28	5	35

6086

AUG 001

Crossover, female/male plain end



Article No.	Dimension	Bag	Box
1608612	12	10	300
1608614	14	10	200
1608615	15	10	200

6086

AUG 001

Crossover, female/male plain end



Article No.	Dimension	Bag	Box
1608616	16	10	200
1608618	18	10	150
1608622	22	10	80
1608628	28	5	40

6130

AUG 001

Tee, female ends



Article No.	Dimension	Bag	Box
1613012	12	10	350
1613014	14	10	250
1613015	15	10	200
1613016	16	10	200
1613018	18	10	150
1613022	22	10	80
1613028	28	5	60
1613035	35	2	30
1613042	42	2	22
1613054	54	2	10
1613064	64	1	6
1613067	67	1	6
1613076	76,1	1	3
1613089	88,9	1	2
16130108	108,0	1	1
16130121512	12 x 15 x 12	10	300
16130141214	14 x 12 x 14	10	300
16130151212	15 x 12 x 12	10	300
16130151215	15 x 12 x 15	10	280
16130151512	15 x 15 x 12	10	250
16130151812	15 x 18 x 12	10	170
16130151815	15 x 18 x 15	10	180
16130152215	15 x 22 x 15	10	120
16130161216	16 x 12 x 16	10	250
16130161414	16 x 14 x 14	10	250
16130161416	16 x 14 x 16	10	250
16130181215	18 x 12 x 15	10	200
16130181218	18 x 12 x 18	10	200
16130181418	18 x 14 x 18	10	200

Product catalogue | 2018 | (Series 6000)

6130

AUG 001

Tee, female ends



Article No.	Dimension	Bag	Box
16130181515	18 x 15 x 15	10	200
16130181518	18 x 15 x 18	10	180
16130181618	18 x 16 x 18	10	180
16130181815	18 x 18 x 15	10	180
16130182218	18 x 22 x 18	10	90
16130221222	22 x 12 x 22	10	130
16130221422	22 x 14 x 22	10	120
16130221515	22 x 15 x 15	10	150
16130221518	22 x 15 x 18	10	150
16130221522	22 x 15 x 22	10	120
16130221622	22 x 16 x 22	10	120
16130221815	22 x 18 x 15	10	140
16130221818	22 x 18 x 18	10	130
16130221822	22 x 18 x 22	10	120
16130222215	22 x 22 x 15	10	100
16130222218	22 x 22 x 18	10	100
16130222822	22 x 28 x 22	5	70
16130281428	28 x 14 x 28	5	80
16130281522	28 x 15 x 22	5	80
16130281528	28 x 15 x 28	5	80
16130281628	28 x 16 x 28	5	80
16130281822	28 x 18 x 22	5	90
16130281828	28 x 18 x 28	5	70
16130282222	28 x 22 x 22	5	70
16130282228	28 x 22 x 28	5	60
16130282815	28 x 28 x 15	5	60
16130282818	28 x 28 x 18	5	60
16130282822	28 x 28 x 22	5	70
16130283528	28 x 35 x 28	2	40
16130351535	35 x 15 x 35	2	50
16130351835	35 x 18 x 35	2	50
16130352222	35 x 22 x 22	2	50
16130352228	35 x 22 x 28	2	40
16130352235	35 x 22 x 35	2	40
16130352828	35 x 28 x 28	2	44
16130352835	35 x 28 x 35	2	36
16130353522	35 x 35 x 22	2	40
16130353528	35 x 35 x 28	2	30
16130421542	42 x 15 x 42	2	30
16130422242	42 x 22 x 42	2	30
16130422842	42 x 28 x 42	2	26

6130

AUG 001

Tee, female ends



Article No.	Dimension	Bag	Box
16130423535	42 x 35 x 35	2	24
16130423542	42 x 35 x 42	2	24
16130542254	54 x 22 x 54	2	14
16130542854	54 x 28 x 54	2	12
16130543554	54 x 35 x 54	2	12
16130544254	54 x 42 x 54	2	12
16130644264	64 x 42 x 64	1	10
16130645464	64 x 54 x 64	1	8
16130672867	67 x 28 x 67	1	10
16130673567	67 x 35 x 67	1	10
16130674267	67 x 42 x 67	1	8
16130675467	67 x 54 x 67	1	6
16130762276	76,1 x 22 x 76,1	1	8
16130762876	76,1 x 28 x 76,1	1	8
16130763576	76,1 x 35 x 76,1	1	6
16130764276	76,1 x 42 x 76,1	1	6
16130765476	76,1 x 54 x 76,1	1	6
16130766476	76,1 x 64 x 76,1	1	6
16130766776	76,1 x 67 x 76,1	1	6
16130895489	88,9 x 54 x 88,9	1	3
16130896489	88,9 x 64 x 88,9	1	3
16130897689	88,9 x 76,1 x 88,9	1	2
1613010854108	108,0 x 54 x 108,0	1	2
1613010864108	108,0 x 64 x 108,0	1	2
1613010867108	108,0 x 67 x 108,0	1	2
1613010876108	108,0 x 76,1 x 108,0	1	2
1613010889108	108,0 x 88,9 x 108,0	1	1

6130L

AUG 001

Tee, long, female ends



Article No.	Dimension	Bag	Box
16130L15	15	10	200

Product catalogue | 2018 | (Series 6000)

6240

AUG 001

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
162401412	14 x 12	10	500
162401512	15 x 12	10	600
162401514	15 x 14	10	400
162401614	16 x 14	10	400
162401812	18 x 12	10	400
162401814	18 x 14	10	350
162401815	18 x 15	10	350
162401816	18 x 16	10	350
162402214	22 x 14	10	250
162402215	22 x 15	10	250
162402216	22 x 16	10	250
162402218	22 x 18	10	250
162402814	28 x 14	5	180
162402815	28 x 15	5	160
162402816	28 x 16	5	160
162402818	28 x 18	5	150
162402822	28 x 22	5	125
162403522	35 x 22	2	100
162403528	35 x 28	2	80
162404222	42 x 22	2	70
162404228	42 x 28	2	60
162404235	42 x 35	2	44
162405428	54 x 28	2	28
162405435	54 x 35	2	24
162405442	54 x 42	2	24

6243

AUG 001

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
162431412	14a x 12	10	600
162431512	15a x 12	10	600
162431612	16a x 12	10	600
162431614	16a x 14	10	500
162431812	18a x 12	10	500
162431814	18a x 14	10	500

6243

AUG 001

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
162431815	18a x 15	10	360
162431816	18a x 16	10	360
162432214	22a x 14	10	350
162432215	22a x 15	10	350
162432216	22a x 16	10	350
162432218	22a x 18	10	300
162432814	28a x 14	5	250
162432815	28a x 15	5	200
162432816	28a x 16	5	250
162432818	28a x 18	5	200
162432822	28a x 22	5	150
162433522	35a x 22	2	100
162433528	35a x 28	2	100
162434222	42a x 22	2	70
162434228	42a x 28	2	70
162434235	42a x 35	2	60
162435435	54a x 35	2	40
162435442	54a x 42	2	36
162436442	64a x 42	1	24
162436454	64a x 54	1	15
162436728	67a x 28	1	20
162436735	67a x 35	1	20
162436742	67a x 42	1	18
162436754	67a x 54	1	16
162437635	76,1a x 35	1	15
162437642	76,1a x 42	1	15
162437654	76,1a x 54	1	12
162437664	76,1a x 64	1	15
162437667	76,1a x 67	1	15
162438954	88,9a x 54	1	10
162438964	88,9a x 64	1	10
162438976	88,9a x 76,1	1	10
1624310842	108,0a x 42	1	4
1624310854	108,0a x 54	1	4
1624310864	108,0a x 64	1	4
1624310867	108,0a x 67	1	4
1624310876	108,0a x 76,1	1	4
1624310889	108,0a x 88,9	1	4

Product catalogue | 2018 | (Series 6000)

6270

AUG 001

Coupling, female/female end



Article No.	Dimension	Bag	Box
1627012	12	10	600
1627014	14	10	550
1627015	15	10	500
1627016	16	10	400
1627018	18	10	300
1627022	22	10	200
1627028	28	5	125
1627035	35	2	80
1627042	42	2	40
1627054	54	2	28
1627064	64	1	20
1627067	67	1	14
1627076	76,1	1	10
1627089	88,9	1	6
16270108	108,0	1	4

6301

AUG 001

Cap, female end



Article No.	Dimension	Bag	Box
1630112	12	10	1000
1630114	14	10	900
1630115	15	10	800
1630116	16	10	800
1630118	18	10	700
1630122	22	10	300
1630128	28	5	250
1630135	35	2	120
1630142	42	2	90
1630154	54	2	40
1630164	64	1	30
1630167	67	1	30
1630176	76,1	1	20
1630189	88,9	1	14
16301108	108,0	1	10

6270S

AUG 001

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
16270S12	12	10	700
16270S15	15	10	300
16270S18	18	10	250
16270S22	22	10	150
16270S28	28	5	100
16270S35	35	2	50
16270S42	42	2	40
16270S54	54	2	16
16270S64	64	1	20
16270S67	67	1	15
16270S76	76,1	1	10
16270S89	88,9	1	6
16270S108	108,0	1	4

PURA-PF

AUG 002

Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box
1PURAPF28	DN 25 / 28 mm	1	5
1PURAPF35	DN 32 / 35 mm	1	3
1PURAPF42	DN 40 / 42 mm	1	3
1PURAPF54	DN 50 / 54 mm	1	2
1PURAPF64	DN - / 64 mm	1	4
1PURAPF67	DN - / 67 mm	1	4
1PURAPF76	DN 65 / 76,1 mm	1	3
1PURAPF76_DN80	DN 80 / 76,1 mm	1	3
1PURAPF89	DN 80 / 88,9 mm	1	3
1PURAPF108	DN 100 / 108,0 mm	1	2

Product catalogue | 2018 | (Series 6000)

BM-PF

AUG 002

Bimetallic flanges for PN 10/16, with female end, for potable water and heating



Article No.	Dimension	Bag	Box
1BMPF42	DN 40 / 42	3	270
1BMPF54	DN 50 / 54	2	180
1BMPF67	DN - / 66,7	2	180
1BMPF76	DN 65 / 76,1	3	135
1BMPF76_DN80	DN 80 / 76,1	2	90
1BMPF89	DN 80 / 88,9	2	90
1BMPF108	DN 100 / 108,0	2	90

4993

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS®, 12 - 108 mm, with pen holder and magnet



Article No.	Dimension	Bag	Box
84993	12 - 108 mm	1	40

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D20	DN 20 (27x61x2mm)	50	200
1D25	DN 25 (34x71x2mm)	40	160
1D32	DN 32 (43x82x2mm)	30	120
1D40	DN 40 (49x92x2mm)	25	100
1D50	DN 50 (61x107x2mm)	120	10800
1D65	DN 65 (77x127x2mm)	100	9000
1D80	DN 80 (89x142x2mm)	80	7200
1D100	DN 100 (115x168x2mm)	60	5400
1D125	DN 125 (141x194x2mm)	80	3600
1D150	DN 150 (169x224x2mm)	60	2700



PIPING SYSTEM | Copper

SANHA®-Press Gas

(Series 10000 and 11000)

combipress
= Tool Compatibility + Push & Stay
+ Leak Path Feature
exclusive from SANHA



SANHA®-Press Gas

Series 10000/11000

System press fittings from copper and copper alloys for copper pipes according to EN 1057, for flammable gases and interior gas piping with yellow sealing rings made from HNBR (hydrated nitrile butadiene rubber).

SANHA®-Press Gas system fittings are tested according to BS EN 8537 and certified or approved by all relevant national and international certification bodies. Our system fittings are labelled with a yellow PN5 – GT/5bar on the outside.

Operating pressure SANHA®-Press Gas from copper and copper alloys	
Outer pipe diameter	Operating pressure
Flammable gases	
d ≤ 54 mm	5 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 54 mm	16 bar
Operating temperature SANHA®-Press Gas with yellow HNBR sealing ring	
-20 °C – +75 °C	
Type of thread:	
Pipe thread: R/Rp thread according to EN 10226	
Fastening thread: G thread according to ISO 228	

Features

- **combipress =**
 + **tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 + **Leak path feature** (certified forced leakage before pressing with EPDM and HNBR sealing rings) in combination with
 + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Fast installation, no risk of fire**
 The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. SANHA®-Press installation systems are therefore ideally suited for renovation work.
- **High corrosion resistance**
 The exceptionally smooth, passivated surface of pipes and fittings leads to an excellent corrosion resistance.
- **Exceptional flexibility**
 - All dimensions from 12 to 108 mm including 64 and 67 mm available
 - Reliable, permanent connection with copper pipes according to EN 1057
 - Thread according to EN 10226 and/or ISO7/1 Typ R and Rp

Areas of application

Natural gas, liquid gas (up to PN 5)	Compressed air	
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 10000 and 11000)

6000

AUG

Copper pipes according to EN 1057 / GW 392



Article No.	Dimension	Bag	Box*
16000		o. r.	o. r.

10001A

AUG 003

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
110001A12	12	10	250
110001A14	14	10	180
110001A15	15	10	180
110001A16	16	10	150
110001A18	18	10	120
110001A22	22	10	60
110001A28	28	5	40
110001A35	35	2	20
110001A42	42	2	12
110001A54	54	2	6

10002A

AUG 003

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
110002A12	12	10	250
110002A14	14	10	180
110002A15	15	10	170
110002A16	16	10	150
110002A18	18	10	120
110002A22	22	10	70
110002A28	28	5	35
110002A35	35	2	20
110002A42	42	2	12
110002A54	54	2	6

10040

AUG 003

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
11004012	12	10	350
11004014	14	10	200
11004015	15	10	200
11004016	16	10	200
11004018	18	10	130
11004022	22	10	80
11004028	28	5	50
11004035	35	2	28
11004042	42	2	16
11004054	54	2	6

10041

AUG 003

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
11004112	12	10	350
11004114	14	10	200
11004115	15	10	200
11004116	16	10	200
11004118	18	10	150
11004122	22	10	80
11004128	28	5	50
11004135	35	2	24
11004142	42	2	16
11004154	54	2	6

10085

AUG 003

Crossover, female/female end



Article No.	Dimension	Bag	Box
11008512	12	10	110
11008515	15	10	70
11008518	18	10	50
11008522	22	10	20
11008528	28	5	15

Product catalogue | 2018 | (Series 10000 and 11000)

10086

AUG 003

Crossover, female/male plain end



Article No.	Dimension	Bag	Box	
11008615	15	10	100	
11008618	18	10	90	
11008622	22	10	40	
11008628	28	5	25	

10130

AUG 003

Tee, female ends



Article No.	Dimension	Bag	Box	
11013012	12	10	200	
11013014	14	10	120	
11013015	15	10	100	
11013016	16	10	100	
11013018	18	10	80	
11013022	22	10	50	
11013028	28	5	30	
11013035	35	2	16	
11013042	42	2	10	
11013054	54	2	4	
110130151212	15 x 12 x 12	10	150	
110130151215	15 x 12 x 15	10	150	
110130151512	15 x 15 x 12	10	150	
110130151815	15 x 18 x 15	10	100	
110130152215	15 x 22 x 15	10	60	
110130161216	16 x 12 x 16	10	120	
110130161414	16 x 14 x 14	10	120	
110130161416	16 x 14 x 16	10	120	
110130181215	18 x 12 x 15	10	100	
110130181218	18 x 12 x 18	10	100	
110130181418	18 x 14 x 18	10	100	
110130181515	18 x 15 x 15	10	100	
110130181518	18 x 15 x 18	10	90	
110130181618	18 x 16 x 18	10	90	
110130181815	18 x 18 x 15	10	80	
110130182218	18 x 22 x 18	10	50	
110130221222	22 x 12 x 22	10	70	
110130221422	22 x 14 x 22	10	70	

10130

AUG 003

Tee, female ends



Article No.	Dimension	Bag	Box	
110130221515	22 x 15 x 15	10	70	
110130221518	22 x 15 x 18	10	80	
110130221522	22 x 15 x 22	10	60	
110130221622	22 x 16 x 22	10	60	
110130221815	22 x 18 x 15	10	60	
110130221818	22 x 18 x 18	10	60	
110130221822	22 x 18 x 22	10	60	
110130222215	22 x 22 x 15	10	50	
110130222218	22 x 22 x 18	10	50	
110130222222	22 x 22 x 22	5	35	
110130281428	28 x 14 x 28	5	40	
110130281522	28 x 15 x 22	5	40	
110130281528	28 x 15 x 28	5	40	
110130281628	28 x 16 x 28	5	40	
110130281822	28 x 18 x 22	5	40	
110130281828	28 x 18 x 28	5	40	
110130282222	28 x 22 x 22	5	35	
110130282228	28 x 22 x 28	5	35	
110130282815	28 x 28 x 15	5	30	
110130282818	28 x 28 x 18	5	30	
110130282822	28 x 28 x 22	5	30	
110130283528	28 x 35 x 28	2	20	
110130351535	35 x 15 x 35	2	24	
110130351835	35 x 18 x 35	2	24	
110130352222	35 x 22 x 22	2	20	
110130352228	35 x 22 x 28	2	20	
110130352235	35 x 22 x 35	2	20	
110130352828	35 x 28 x 28	2	20	
110130352835	35 x 28 x 35	2	20	
110130353522	35 x 35 x 22	2	18	
110130353528	35 x 35 x 28	2	18	
110130421542	42 x 15 x 42	2	16	
110130422242	42 x 22 x 42	2	14	
110130422842	42 x 28 x 42	2	12	
110130423535	42 x 35 x 35	2	12	
110130423542	42 x 35 x 42	2	12	
110130542254	54 x 22 x 54	2	8	
110130542854	54 x 28 x 54	2	6	
110130543554	54 x 35 x 54	2	6	
110130544254	54 x 42 x 54	2	6	

Product catalogue | 2018 | (Series 10000 and 11000)

10240

AUG 003

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
1102401412	14 x 12	10	250
1102401512	15 x 12	10	250
1102401614	16 x 14	10	250
1102401812	18 x 12	10	200
1102401814	18 x 14	10	180
1102401815	18 x 15	10	180
1102401816	18 x 16	10	180
1102402214	22 x 14	10	150
1102402215	22 x 15	10	150
1102402216	22 x 16	10	150
1102402218	22 x 18	10	120
1102402815	28 x 15	5	100
1102402818	28 x 18	5	80
1102402822	28 x 22	5	70
1102403522	35 x 22	2	50
1102403528	35 x 28	2	40
1102404222	42 x 22	2	30
1102404228	42 x 28	2	30
1102404235	42 x 35	2	30
1102405428	54 x 28	2	16
1102405435	54 x 35	2	20
1102405442	54 x 42	2	16

10243

AUG 003

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
1102431412	14a x 12	10	350
1102431512	15a x 12	10	350
1102431514	15a x 14	10	350
1102431612	16a x 12	10	300
1102431614	16a x 14	10	300
1102431812	18a x 12	10	250
1102431814	18a x 14	10	200
1102431815	18a x 15	10	220
1102431816	18a x 16	10	200
1102432214	22a x 14	10	180
1102432215	22a x 15	10	150
1102432216	22a x 16	10	150

10243

AUG 003

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
1102432218	22a x 18	10	150
1102432814	28a x 14	5	100
1102432815	28a x 15	5	100
1102432816	28a x 16	5	100
1102432818	28a x 18	5	100
1102432822	28a x 22	5	90
1102433522	35a x 22	2	50
1102433528	35a x 28	2	40
1102434222	42a x 22	2	36
1102434228	42a x 28	2	36
1102434235	42a x 35	2	30
1102435435	54a x 35	2	20
1102435442	54a x 42	2	20

10270

AUG 003

Coupling, female/female end



Article No.	Dimension	Bag	Box
11027012	12	10	350
11027014	14	10	200
11027015	15	10	240
11027016	16	10	200
11027018	18	10	170
11027022	22	10	100
11027028	28	5	60
11027035	35	2	40
11027042	42	2	24
11027054	54	2	10

10270S

AUG 003

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
110270S12	12	10	300
110270S15	15	10	200
110270S18	18	10	140
110270S22	22	10	80

Product catalogue | 2018 | (Series 10000 and 11000)

10270S

AUG 003

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
110270S28	28	5	50
110270S35	35	2	30
110270S42	42	2	20
110270S54	54	2	6

10301

AUG 003

Cap, female end



Article No.	Dimension	Bag	Box
11030112	12	10	500
11030114	14	10	450
11030115	15	10	400
11030116	16	10	400
11030118	18	10	350
11030122	22	10	200
11030128	28	5	110
11030135	35	2	60
11030142	42	2	40
11030154	54	2	20

11090G

AUG 004

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
1110901212	12 x 1/2	10	150
1110901512	15 x 1/2	10	150
1110901534	15 x 3/4	10	100
1110901612	16 x 1/2	10	150
1110901812	18 x 1/2	10	150
1110901834	18 x 3/4	10	100
1110902212	22 x 1/2	10	100
1110902234	22 x 3/4	10	80
111090221	22 x 1	10	40
1110902834	28 x 3/4	5	50
111090281	28 x 1	5	30
11109035114	35 x 1 1/4	2	20
11109042112	42 x 1 1/2	2	12
111090542	54 x 2	2	6

11092G

AUG 004

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
1110921412	14 x 1/2	10	200
1110921512	15 x 1/2	10	200
1110921612	16 x 1/2	10	150
1110921812	18 x 1/2	10	160
1110921834	18 x 3/4	10	120
1110922212	22 x 1/2	10	100
1110922234	22 x 3/4	10	80
111092221	22 x 1	10	50
111092281	28 x 1	5	50
11109235114	35 x 1 1/4	2	30
11109242112	42 x 1 1/2	2	12
111092542	54 x 2	2	10

11130G

AUG 004

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
1111301512	15 x 1/2 x 15	10	100
1111301812	18 x 1/2 x 18	10	80
1111302212	22 x 1/2 x 22	10	60
1111302234	22 x 3/4 x 22	10	50
1111302812	28 x 1/2 x 28	5	40
1111302834	28 x 3/4 x 28	5	30
1111303512	35 x 1/2 x 35	2	30
111130351	35 x 1 x 35	2	20
1111304212	42 x 1/2 x 42	2	18
111130421	42 x 1 x 42	2	16
1111305412	54 x 1/2 x 54	2	10

11243G

AUG 004

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
1112431238	12 x 3/8	10	400
1112431212	12 x 1/2	10	300
1112431412	14 x 1/2	10	300
1112431538	15 x 3/8	10	400

Product catalogue | 2018 | (Series 10000 and 11000)

11243G

AUG 004

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
1112431512	15 x 1/2	10	250
1112431534	15 x 3/4	10	200
1112431612	16 x 1/2	10	300
1112431634	16 x 3/4	10	200
1112431812	18 x 1/2	10	200
1112431834	18 x 3/4	10	160
1112432212	22 x 1/2	10	150
1112432234	22 x 3/4	10	120
111243221	22 x 1	10	100
1112432834	28 x 3/4	5	100
111243281	28 x 1	5	80
11124328114	28 x 1 1/4	5	50
111243351	35 x 1	2	70
11124335114	35 x 1 1/4	2	50
11124335112	35 x 1 1/2	2	50
11124342114	42 x 1 1/4	2	40
11124342112	42 x 1 1/2	2	40
11124354112	54 x 1 1/2	2	20
111243542	54 x 2	2	16

8246G

AUG 002

Transition element, with male plain end and female thread



Article No.	Dimension	Bag	Box
182461212	12a x 1/2	10	250
182461538	15a x 3/8	10	250
182461512	15a x 1/2	10	200
182461812	18a x 1/2	10	200
182461834	18a x 3/4	10	150
182462212	22a x 1/2	10	200
182462234	22a x 3/4	10	120
182462834	28a x 3/4	5	120
18246281	28a x 1	5	80
1824635114	35a x 1 1/4	2	40
1824642112	42a x 1 1/2	2	26
18246542	54a x 2	2	16

11270G

AUG 004

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
1112701238	12 x 3/8	10	400
1112701212	12 x 1/2	10	300
1112701412	14 x 1/2	10	250
1112701512	15 x 1/2	10	250
1112701534	15 x 3/4	10	150
1112701612	16 x 1/2	10	250
1112701812	18 x 1/2	10	200
1112701834	18 x 3/4	10	150
1112702212	22 x 1/2	10	150
1112702234	22 x 3/4	10	120
111270221	22 x 1	10	80
1112702834	28 x 3/4	5	100
111270281	28 x 1	5	70
11127028114	28 x 1 1/4	5	40
111270351	35 x 1	2	60
11127035114	35 x 1 1/4	2	40
11127042114	42 x 1 1/4	2	30
11127042112	42 x 1 1/2	2	30
11127054112	54 x 1 1/2	2	24
111270542	54 x 2	2	20

11330JPC

AUG 004

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
111330JPC22	22	o. r.	o. r.
111330JPC28M34	28 (M 3/4)	o. r.	o. r.
111330JPC28M114	28 (M 1 1/4)	o. r.	o. r.
111330JPC35	35	o. r.	o. r.
111330JPC54	54	o. r.	o. r.

Product catalogue | 2018 | (Series 10000 and 11000)

8280G

AUG 002

Male adaptor, with male plain end and male thread



Article No.	Dimension	Bag	Box
182801212	12a x 1/2	10	350
182801538	15a x 3/8	10	350
182801512	15a x 1/2	10	350
182801812	18a x 1/2	10	250
182801834	18a x 3/4	10	150
182802212	22a x 1/2	10	150
182802234	22a x 3/4	10	150
18280221	22a x 1	10	
182802834	28a x 3/4	5	100
18280281	28a x 1	5	60
1828035114	35a x 1 1/4	2	40
1828042112	42a x 1 1/2	2	30

11330JPG

AUG 004

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
111330JPG14M12	14 (M 1/2)	o. r.	o. r.
111330JPG16M12	16 (M 1/2)	o. r.	o. r.
111330JPG16M34	16 (M 3/4)	o. r.	o. r.
111330JPG18M12	18 (M 1/2)	o. r.	o. r.
111330JPG18M34	18 (M 3/4)	o. r.	o. r.
111330JPG22M34	22 (M 3/4)	o. r.	o. r.
111330JPG22M1	22 (M 1)	o. r.	o. r.
111330JPG28	28	o. r.	o. r.
111330JPG35	35	o. r.	o. r.
111330JPG42	42	o. r.	o. r.
111330JPG54	54	o. r.	o. r.

11330GPL

AUG 004

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
111330GPL12M20	12 x M20	o. r.	o. r.
111330GPL14M20	14 x M20	o. r.	o. r.

11340

AUG 004

Union, conical sealing, female/female end



Article No.	Dimension	Bag	Box
11134015	15	5	80
11134018	18	5	40
11134022	22	5	40
11134028	28	5	30
11134035	35	2	16
11134054	54	2	6

11340G

AUG 004

Union, conical sealing, with female end and female thread



Article No.	Dimension	Bag	Box
1113401512	15 x 1/2	5	80
1113402234	22 x 3/4	5	50
111340281	28 x 1	5	30
11134035114	35 x 1 1/4	2	20
111340542	54 x 2	2	8

11343G

AUG 004

Union, conical sealing, with female end and male thread



Article No.	Dimension	Bag	Box
1113431512	15 x 1/2	5	80
1113431812	18 x 1/2	5	50
1113431834	18 x 3/4	5	50
1113432234	22 x 3/4	5	50
111343221	22 x 1	5	50
1113432834	28 x 3/4	5	30
111343281	28 x 1	5	30
11134342112	42 x 1 1/2	2	10
111343542	54 x 2	2	8

Product catalogue | 2018 | (Series 10000 and 11000)

11359G

AUG 004

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
1113591212	12 x 1/2	5	350
1113591234	12 x 3/4	5	200
1113591534	15 x 3/4	5	200
111359151	15 x 1	5	120
1113591834	18 x 3/4	5	160
111359181	18 x 1	5	120
1113592234	22 x 3/4	5	120
111359221	22 x 1	5	100
11135922114	22 x 1 1/4	5	80
11135922112	22 x 1 1/2	5	60
11135928114	28 x 1 1/4	5	80
11135928112	28 x 1 1/2	5	50
11135935112	35 x 1 1/2	2	40
111359352	35 x 2	2	30
111359422	42 x 2	2	30

11360G

AUG 004

Union adaptor, conical sealing, female end



Article No.	Dimension	Bag	Box
1113601578	15 x 7/8	5	120
11136018118	18 x 1 1/8	5	80
11136022118	22 x 1 1/8	5	80
11136028138	28 x 13/8	5	60

11472G

AUG 004

Wall plate, with female end and female thread



Article No.	Dimension	Bag	Box
1114721212	12 x 1/2	10	120
1114721412	14 x 1/2	10	100
1114721512	15 x 1/2	10	100
1114721612	16 x 1/2	10	100

11472G

AUG 004

Wall plate, with female end and female thread



Article No.	Dimension	Bag	Box
1114721812	18 x 1/2	10	90
1114721834	18 x 3/4	10	60
1114722212	22 x 1/2	10	60
1114722234	22 x 3/4	10	60

10-RG-PF

AUG 004

Press flanges, with female end, for gas installations



Article No.	Dimension	Bag	Box
110RGPF28	DN 25 / 28mm	1	6
110RGPF35	DN 32 / 35mm	1	4
110RGPF42	DN 40 / 42mm	1	4
110RGPF54	DN 50 / 54mm	1	2

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D20	DN 20 (27x61x2mm)	50	200
1D25	DN 25 (34x71x2mm)	40	160
1D32	DN 32 (43x82x2mm)	30	120
1D40	DN 40 (49x92x2mm)	25	100
1D50	DN 50 (61x107x2mm)	120	10800
1D65	DN 65 (77x127x2mm)	100	9000
1D80	DN 80 (89x142x2mm)	80	7200
1D100	DN 100 (115x168x2mm)	60	5400

Product catalogue | 2018 | (Series 10000 and 11000)

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

4993

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS®, 12 -108 mm, with pen holder and magnet



Article No.	Dimension	Bag	Box
84993	12 - 108 mm	1	40



PIPING SYSTEMS | Copper

SANHA®-Press Solar

(Series 12000 and 13000)



DIBt

SANHA[®]-Press Solar

Series 12000/13000

System press fittings from copper and copper alloys for copper pipes according to EN 1057 for solar and high-temperature applications for compressed air. SANHA[®]-Press Solar system fittings have red moulded sealing rings made from FKM (fluoro carbon elastomers) for temperatures of up to 200 °C.

SANHA[®]-Press Solar system fittings are additionally marked by a red "HT" printed on the outside.

Operating conditions for SANHA [®] -Press Solar from copper and copper alloys	
Outer pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature SANHA [®] -Press Solar with red FKM sealing ring	-20 °C – +200 °C (depending on application)
Type of thread: Pipe thread: R/Rp thread according to EN 10226, Fastening thread: G thread according to ISO 228	

Features

- Tool compatibility and Push & Stay**
 + tool compatibility: pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 + Push & Stay function for safe, reliable installation in every location up to and including 54 mm
- Fast installation, no risk of fire**
 The connection with stainless steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. SANHA[®]-Press Solar installation systems are therefore ideally suited for renovation work.
- High corrosion resistance**
 The exceptionally smooth, passivated surface of pipes and fittings leads to an excellent corrosion resistance.
- Exceptional flexibility**
 - All dimensions from 12 to 108 mm including 64 and 67 mm available
 - Reliable, permanent connection with copper pipes according to EN 1057
 - Thread according to EN 10226 and/or ISO7/1 Type R and Rp

Areas of application

Compressed air	Inert gases	Cooling water pipes
Low pressure gas systems	District heating supply systems	Fuel Oil

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 12000 and 13000)

6000

AUG

Copper pipes according to EN 1057 / GW 392



Article No.	Dimension	Bag	Box*
16000		o. r.	o. r.

12001A

AUG 005

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
112001A12	12	10	250
112001A15	15	10	180
112001A18	18	10	120
112001A22	22	10	60
112001A28	28	5	40
112001A35	35	2	20
112001A42	42	2	12
112001A54	54	2	6
112001A64	64	1	8
112001A76	76,1	1	5
112001A89	88,9	1	3
112001A108	108,0	1	1

12002A

AUG 005

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
112002A12	12	10	250
112002A15	15	10	170
112002A18	18	10	120
112002A22	22	10	70
112002A28	28	5	35
112002A35	35	2	20
112002A42	42	2	12
112002A54	54	2	6
112002A64	64	1	8
112002A76	76,1	1	4
112002A89	88,9	1	2
112002A108	108,0	1	1

12040

AUG 005

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
11204012	12	10	350
11204015	15	10	200
11204018	18	10	130
11204022	22	10	80
11204028	28	5	50
11204035	35	2	28
11204042	42	2	16
11204054	54	2	8
11204064	64	1	12
11204076	76,1	1	6
11204089	88,9	1	3
112040108	108,0	1	2

12041

AUG 005

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
11204112	12	10	350
11204115	15	10	200
11204118	18	10	150
11204122	22	10	80
11204128	28	5	50
11204135	35	2	24
11204142	42	2	16
11204154	54	2	8
11204164	64	1	10
11204176	76,1	1	6
11204189	88,9	1	3
112041108	108,0	1	2

12085

AUG 005

Crossover, female/female end



Article No.	Dimension	Bag	Box
11208512	12	10	110
11208515	15	10	70

Product catalogue | 2018 | (Series 12000 and 13000)

12085

AUG 005

Crossover, female/female end



Article No.	Dimension	Bag	Box
11208518	18	10	50
11208522	22	10	20
11208528	28	5	15

12086

AUG 005

Crossover, female/male plain end



Article No.	Dimension	Bag	Box
11208612	12	10	200
11208615	15	10	100
11208618	18	10	90
11208622	22	10	40
11208628	28	5	25

12130

AUG 005

Tee, female ends



Article No.	Dimension	Bag	Box
11213012	12	10	200
11213015	15	10	100
11213018	18	10	80
11213022	22	10	50
11213028	28	5	30
11213035	35	2	16
11213042	42	2	10
11213054	54	2	6
11213064	64	1	6
11213076	76,1	1	3
11213089	88,9	1	2
112130108	108,0	1	1
112130181518	18 x 15 x 18	10	90
112130182218	18 x 22 x 18	10	50
112130221522	22 x 15 x 22	10	60
112130221818	22 x 18 x 18	10	60
112130221822	22 x 18 x 22	10	60
112130222218	22 x 22 x 18	10	50

12130

AUG 005

Tee, female ends



Article No.	Dimension	Bag	Box
112130222822	22 x 28 x 22	5	35
112130281528	28 x 15 x 28	5	40
112130281822	28 x 18 x 22	5	40
112130281828	28 x 18 x 28	5	40
112130282222	28 x 22 x 22	5	35
112130282228	28 x 22 x 28	5	35
112130282818	28 x 28 x 18	5	30
112130282822	28 x 28 x 22	5	30
112130283528	28 x 35 x 28	2	20
112130351535	35 x 15 x 35	2	24
112130351835	35 x 18 x 35	2	24
112130352222	35 x 22 x 22	2	20
112130352228	35 x 22 x 28	2	20
112130352235	35 x 22 x 35	2	20
112130352828	35 x 28 x 28	2	20
112130352835	35 x 28 x 35	2	20
112130353522	35 x 35 x 22	2	18
112130353528	35 x 35 x 28	2	18
112130421542	42 x 15 x 42	2	16
112130422242	42 x 22 x 42	2	14
112130422842	42 x 28 x 42	2	12
112130423535	42 x 35 x 35	2	12
112130423542	42 x 35 x 42	2	12
112130542254	54 x 22 x 54	2	8
112130542854	54 x 28 x 54	2	8
112130543554	54 x 35 x 54	2	8
112130544254	54 x 42 x 54	2	6
112130644264	64 x 42 x 64	1	10
112130645464	64 x 54 x 64	1	8
112130762276	76,1 x 22 x 76,1	1	8
112130762876	76,1 x 28 x 76,1	1	8
112130763576	76,1 x 35 x 76,1	1	6
112130764276	76,1 x 42 x 76,1	1	6
112130765476	76,1 x 54 x 76,1	1	6
112130895489	88,9 x 54 x 88,9	1	3
112130896489	88,9 x 64 x 88,9	1	3
112130897689	88,9 x 76,1 x 88,9	1	2
11213010854108	108,0 x 54 x 108,0	1	2
11213010864108	108,0 x 64 x 108,0	1	2
11213010876108	108,0 x 76,1 x 108,0	1	2
11213010889108	108,0 x 88,9 x 108,0	1	1

Product catalogue | 2018 | (Series 12000 and 13000)

12240

AUG 005

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
1122401512	15 x 12	10	250
1122401812	18 x 12	10	200
1122401815	18 x 15	10	180
1122402215	22 x 15	10	150
1122402218	22 x 18	10	120
1122402815	28 x 15	5	100
1122402818	28 x 18	5	80
1122402822	28 x 22	5	70
1122403522	35 x 22	2	50
1122403528	35 x 28	2	40
1122404222	42 x 22	2	30
1122404228	42 x 28	2	30
1122404235	42 x 35	2	30
1122405428	54 x 28	2	20
1122405435	54 x 35	2	20
1122405442	54 x 42	2	16

12243

AUG 005

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
1122431512	15a x 12	10	350
1122431812	18a x 12	10	250
1122431815	18a x 15	10	220
1122432215	22a x 15	10	150
1122432218	22a x 18	10	150
1122432815	28a x 15	5	100
1122432818	28a x 18	5	100
1122432822	28a x 22	5	90
1122433522	35a x 22	2	50
1122433528	35a x 28	2	40
1122434222	42a x 22	2	36
1122434228	42a x 28	2	36
1122434235	42a x 35	2	30
1122435435	54a x 35	2	20
1122435442	54a x 42	2	20
1122436442	64a x 42	1	24
1122436454	64a x 54	1	15
1122437635	76,1a x 35	1	15
1122437642	76,1a x 42	1	15
1122437654	76,1a x 54	1	15

12243

AUG 005

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
1122438954	88,9a x 54	1	10
1122438976	88,9a x 76,1	1	10
11224310842	108,0a x 42	1	4
11224310854	108,0a x 54	1	4
11224310864	108,0a x 64	1	4
11224310876	108,0a x 76,1	1	4
11224310889	108,0a x 88,9	1	4

12270

AUG 005

Coupling, female/female end



Article No.	Dimension	Bag	Box
11227012	12	10	350
11227015	15	10	240
11227018	18	10	170
11227022	22	10	100
11227028	28	5	60
11227035	35	2	40
11227042	42	2	24
11227054	54	2	16
11227064	64	1	20
11227076	76,1	1	10
11227089	88,9	1	6
112270108	108,0	1	4

12270S

AUG 005

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
112270S12	12	10	300
112270S15	15	10	200
112270S18	18	10	140
112270S22	22	10	80
112270S28	28	5	50
112270S35	35	2	30
112270S42	42	2	20
112270S54	54	2	10
112270S64	64	1	20

Product catalogue | 2018 | (Series 12000 and 13000)

12270S

AUG 005

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
112270S76	76,1	1	10
112270S89	88,9	1	6

12301

AUG 005

Cap, female end



Article No.	Dimension	Bag	Box
11230112	12	10	500
11230115	15	10	400
11230118	18	10	350
11230122	22	10	200
11230128	28	5	110
11230135	35	2	60
11230142	42	2	40
11230154	54	2	16
11230164	64	1	30
11230176	76,1	1	20
11230189	88,9	1	14
112301108	108,0	1	10

13090G

AUG 006

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
1130901238	12 x 3/8	10	150
1130901212	12 x 1/2	10	150
1130901512	15 x 1/2	10	150
1130901534	15 x 3/4	10	100
1130901812	18 x 1/2	10	150
1130901834	18 x 3/4	10	100
1130902212	22 x 1/2	10	100
1130902234	22 x 3/4	10	80
113090221	22 x 1	10	40
1130902834	28 x 3/4	5	50

13090G

AUG 006

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
113090281	28 x 1	5	30
11309035114	35 x 1 1/4	2	20
11309042112	42 x 1 1/2	2	12
113090542	54 x 2	2	6

13092G

AUG 006

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
1130921238	12 x 3/8	10	250
1130921212	12 x 1/2	10	250
1130921512	15 x 1/2	10	200
1130921812	18 x 1/2	10	160
1130921834	18 x 3/4	10	120
1130922234	22 x 3/4	10	80
113092221	22 x 1	10	60
113092281	28 x 1	5	50
11309235114	35 x 1 1/4	2	30
11309242112	42 x 1 1/2	2	12
113092542	54 x 2	2	10

13096G

AUG 006

Elbow union, flat sealing, female end and female thread



Article No.	Dimension	Bag	Box
1130961212	12 x 1/2	5	120
1130961512	15 x 1/2	5	100
1130961812	18 x 1/2	5	80
1130961834	18 x 3/4	5	50
1130962234	22 x 3/4	5	50
113096221	22 x 1	5	25
113096281	28 x 1	5	25
11309635114	35 x 1 1/4	2	16
11309642112	42 x 1 1/2	2	10
113096542	54 x 2	2	6

Product catalogue | 2018 | (Series 12000 and 13000)

13130G

AUG 006

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
1131301212	12 x 1/2 x 12	10	150
1131301512	15 x 1/2 x 15	10	100
1131301812	18 x 1/2 x 18	10	90
1131302212	22 x 1/2 x 22	10	60
1131302234	22 x 3/4 x 22	10	50
1131302812	28 x 1/2 x 28	5	40
1131302834	28 x 3/4 x 28	5	40
1131303512	35 x 1/2 x 35	2	30
113130351	35 x 1 x 35	2	20
1131304212	42 x 1/2 x 42	2	18
1131305412	54 x 1/2 x 54	2	10

13243G

AUG 006

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
1132431238	12 x 3/8	10	400
1132431512	15 x 1/2	10	250
1132431534	15 x 3/4	10	200
1132431812	18 x 1/2	10	200
1132431834	18 x 3/4	10	150
1132432212	22 x 1/2	10	150
1132432234	22 x 3/4	10	120
113243221	22 x 1	10	80
1132432834	28 x 3/4	5	100
113243281	28 x 1	5	80
11324328114	28 x 1 1/4	5	50
113243351	35 x 1	2	60
11324335114	35 x 1 1/4	2	40
11324342114	42 x 1 1/4	2	36
11324342112	42 x 1 1/2	2	30
11324354112	54 x 1 1/2	2	20
113243542	54 x 2	2	16
11324364212	64 x 2 1/2	1	10
11324376212	76,1 x 2 1/2	1	5
113243763	76,1 x 3	1	5
113243893	88,9 x 3	1	4
1132431084	108,0 x 4	1	2

8246G

AUG 002

Transition element, with male plain end and female thread



Article No.	Dimension	Bag	Box
182461212	12a x 1/2	10	250
182461538	15a x 3/8	10	250
182461512	15a x 1/2	10	200
182461812	18a x 1/2	10	200
182461834	18a x 3/4	10	150
182462212	22a x 1/2	10	200
182462234	22a x 3/4	10	120
182462834	28a x 3/4	5	120
18246281	28a x 1	5	80
1824635114	35a x 1 1/4	2	40
1824642112	42a x 1 1/2	2	26
18246542	54a x 2	2	16

13270G

AUG 006

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
1132701238	12 x 3/8	10	400
1132701212	12 x 1/2	10	300
1132701538	15 x 3/8	10	300
1132701512	15 x 1/2	10	250
1132701534	15 x 3/4	10	150
1132701812	18 x 1/2	10	200
1132701834	18 x 3/4	10	150
1132702212	22 x 1/2	10	150
1132702234	22 x 3/4	10	120
113270221	22 x 1	10	80
1132702834	28 x 3/4	5	100
113270281	28 x 1	5	80
11327028114	28 x 1 1/4	5	40
113270351	35 x 1	2	60
11327035114	35 x 1 1/4	2	40
11327042114	42 x 1 1/4	2	30
11327042112	42 x 1 1/2	2	30
11327054112	54 x 1 1/2	2	24
113270542	54 x 2	2	20
11327064212	64 x 2 1/2	1	10
11327076212	76,1 x 2 1/2	1	5
113270893	89 x 3	1	3

Product catalogue | 2018 | (Series 12000 and 13000)

8280G

AUG 002

Male adaptor, with male plain end and male thread



Article No.	Dimension	Bag	Box
182801212	12a x 1/2	10	350
182801538	15a x 3/8	10	350
182801512	15a x 1/2	10	350
182801812	18a x 1/2	10	250
182801834	18a x 3/4	10	150
182802212	22a x 1/2	10	150
182802234	22a x 3/4	10	150
18280221	22a x 1	10	
182802834	28a x 3/4	5	100
18280281	28a x 1	5	60
1828035114	35a x 1 1/4	2	40
1828042112	42a x 1 1/2	2	30
18280542	54a x 2	2	16

13330

AUG 006

Union, flat sealing, female/female end



Article No.	Dimension	Bag	Box
11333015	15	5	100
11333018	18	5	100
11333022	22	5	60
11333028	28	5	40
11333035	35	2	30
11333042	42	2	18
11333054	54	2	10

13330G

AUG 006

Union, flat sealing, with female end and female thread



Article No.	Dimension	Bag	Box
1133301534	15 x 3/4	5	80
1133301834	18 x 3/4	5	80
1133302234	22 x 3/4	5	60
113330221	22 x 1	5	50
113330281	28 x 1	5	40
11333035114	35 x 1 1/4	2	30

13330G

AUG 006

Union, flat sealing, with female end and female thread



Article No.	Dimension	Bag	Box
11333042112	42 x 1 1/2	2	20
113330542	54 x 2	2	10

13333G

AUG 006

Union, flat sealing, with female end and male thread



Article No.	Dimension	Bag	Box
1133331512	15 x 1/2	5	120
1133331534	15 x 3/4	5	100
1133331812	18 x 1/2	5	100
1133331834	18 x 3/4	5	80
1133332212	22 x 1/2	5	60
1133332234	22 x 3/4	5	60
113333221	22 x 1	5	60
1133332834	28 x 3/4	5	40
113333281	28 x 1	5	40
11333335114	35 x 1 1/4	2	20
11333342112	42 x 1 1/2	2	12
113333542	54 x 2	2	8

13359G

AUG 006

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
1133591534	15 x 3/4	5	200
113359151	15 x 1	5	120
1133591834	18 x 3/4	5	160
113359181	18 x 1	5	120
1133592234	22 x 3/4	5	120
113359221	22 x 1	5	100
11335922114	22 x 1 1/4	5	80
11335922112	22 x 1 1/2	5	60
11335928114	28 x 1 1/4	5	80
11335928112	28 x 1 1/2	5	50
11335935112	35 x 1 1/2	2	40
113359422	42 x 2	2	30

Product catalogue | 2018 | (Series 12000 and 13000)

13359G

AUG 006

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
11335954238	54 x 23/8	2	16
113359763	76,1 x 3	1	10
11335989312	88,9 x 3 1/2	1	6

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

DR-S

AUG 601

High temperature FKM seal



Article No.	Dimension	Bag	Box
DR12S01	12,10 x 2,50	o. r.	o. r.
DR15S01	15,10 x 2,60	o. r.	o. r.
DR18S01	18,20 x 2,65	o. r.	o. r.
DR22S01	22,20 x 3,10	o. r.	o. r.
DR28S01	28,30 x 3,10	o. r.	o. r.
DR35S02	35,20 x 3,15	o. r.	o. r.
DR42S02	42,20 x 4,00	o. r.	o. r.
DR54S02	54,20 x 4,00	o. r.	o. r.
DR64S01	65,00 x 6,00	o. r.	o. r.
DR667S01	68,00 x 6,00	o. r.	o. r.
DR76S01	77,00 x 7,00	o. r.	o. r.
DR89S01	90,00 x 7,60	o. r.	o. r.
DR108S01	110,00 x 9,00	o. r.	o. r.

4993

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS®, 12 -108 mm, with pen holder and magnet



Article No.	Dimension	Bag	Box
84993	12 - 108 mm	1	40



PIPING SYSTEMS | Copper

SANHA®-Press Chrome

(Series 16000)

combipress
= Tool Compatibility + Push & Stay
+ Leak Path Feature
exclusive from SANHA



SANHA®-Press Chrome

Series 16000

System press fittings from copper and copper alloys for copper pipes with a black moulded EPDM sealing ring for brilliant chrome-plated copper pipes according to EN 1057.

SANHA®-Press Chrome system fittings are the ideal solution for visible water-carrying installations in combination with brilliant chrome-plated pipes, for example in the bath.

The combination of modern press technology, small measurements and the chrome-plated surface offer a time-saving and very attractive installation. The chrome surface is easy to clean and needs little care after it is installed.

Operating conditions for SANHA®-Press Chrome made from copper and copper alloys

Outer pipe diameter	Operating pressure
Water and aqueous solutions	
$d \leq 28$ mm	16 bar
Operating temperature SANHA®-Press Chrome with black EPDM sealing ring	-30 °C – +120 °C
Type of thread: Pipe thread: R/Rp-thread according to EN 10226, Fastening thread (union nut): G-thread according to ISO 228	

Features

- **combiPress =**
 - + **Tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Leak path feature** (certified forced leakage before pressing with EPDM and HNBR sealing rings) in combination with
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Fast installation, no risk of fire**
The connection with copper pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. SANHA®-Press Chrome installation systems are therefore ideally suited for renovation work.
- **High corrosion resistance**
The exceptionally smooth, passivated surface of pipes and fittings leads to an excellent corrosion resistance.
- **Exceptional flexibility**
 - All practical dimensions from 12 to 28 mm
 - Reliable, permanent connection with copper pipes according to EN 1057
 - Thread according to EN 10226 and/or ISO7/1 Typ R and Rp

Areas of application

Heating	Solar systems	Compressed air
Inert gases		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 16000)

6000

AUG

Copper pipes according to EN 1057, chrome-plated



Article No.	Dimension	Bag	Box*
116000		o. r.	o. r.

16001A

AUG 014

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
116001A12	12	10	250
116001A15	15	10	180
116001A18	18	10	120
116001A22	22	10	60
116001A28	28	5	40

16002A

AUG 014

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
116002A12	12	10	250
116002A15	15	10	170
116002A18	18	10	120
116002A22	22	10	70
116002A28	28	5	35

16040

AUG 014

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
11604012	12	10	350
11604015	15	10	200
11604018	18	10	130
11604022	22	10	80
11604028	28	5	50

16041

AUG 014

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
11604112	12	10	350
11604115	15	10	200
11604118	18	10	150
11604122	22	10	80
11604128	28	5	50

16085

AUG 014

Crossover, female/female end



Article No.	Dimension	Bag	Box
11608512	12	10	110
11608515	15	10	70
11608518	18	10	50
11608522	22	10	20
11608528	28	5	15

16086

AUG 014

Crossover, female/male plain end



Article No.	Dimension	Bag	Box
11608612	12	10	200
11608615	15	10	100
11608618	18	10	90
11608622	22	10	40
11608628	28	5	25

16130

AUG 014

Tee, female ends



Article No.	Dimension	Bag	Box
11613012	12	10	200
11613015	15	10	120

Product catalogue | 2018 | (Series 16000)

16130

AUG 014

Tee, female ends



Article No.	Dimension	Bag	Box
11613018	18	10	80
11613022	22	10	50
11613028	28	5	30
116130121512	12 x 15 x 12	10	150
116130151212	15 x 12 x 12	10	150
116130151215	15 x 12 x 15	10	150
116130151512	15 x 15 x 12	10	150
116130181218	18 x 12 x 18	10	100
116130181515	18 x 15 x 15	10	100
116130181518	18 x 15 x 18	10	90
116130181815	18 x 18 x 15	10	80
116130182218	18 x 22 x 18	10	50
116130221222	22 x 12 x 22	10	70
116130221515	22 x 15 x 15	10	70
116130221522	22 x 15 x 22	10	60
116130221818	22 x 18 x 18	10	60
116130221822	22 x 18 x 22	10	60
116130222215	22 x 22 x 15	10	50
116130222218	22 x 22 x 18	10	50
116130222822	22 x 28 x 22	5	35
116130281522	28 x 15 x 22	5	40
116130281528	28 x 15 x 28	5	40
116130282222	28 x 22 x 22	5	35
116130282228	28 x 22 x 28	5	35
116130282815	28 x 28 x 15	5	30
116130282822	28 x 28 x 22	5	30

16240

AUG 014

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
1162401512	15 x 12	10	250
1162401812	18 x 12	10	200
1162401815	18 x 15	10	180
1162402215	22 x 15	10	150
1162402218	22 x 18	10	120
1162402815	28 x 15	5	100
1162402822	28 x 22	5	70

16243

AUG 014

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
1162431512	15a x 12	10	350
1162431812	18a x 12	10	250
1162431815	18a x 15	10	220
1162432215	22a x 15	10	150
1162432218	22a x 18	10	150
1162432815	28a x 15	5	100
1162432822	28a x 22	5	90

16243G

AUG 014

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
116243G1238	12 x 3/8	10	400
116243G1212	12 x 1/2	10	250
116243G1538	15 x 3/8	10	400
116243G1512	15 x 1/2	10	250
116243G1812	18 x 1/2	10	200
116243G1834	18 x 3/4	10	150
116243G2212	22 x 1/2	10	150
116243G2234	22 x 3/4	10	120
116243G221	22 x 1	10	80
116243G2834	28 x 3/4	5	100
116243G281	28 x 1	5	80
116243G28114	28 x 1 1/4	5	70

16270

AUG 014

Coupling, female/female end



Article No.	Dimension	Bag	Box
11627012	12	10	350
11627015	15	10	240
11627018	18	10	170
11627022	22	10	100
11627028	28	5	60

Product catalogue | 2018 | (Series 16000)

16270G

AUG 014

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
116270G1238	12 x 3/8	10	400
116270G1212	12 x 1/2	10	300
116270G1538	15 x 3/8	10	300
116270G1512	15 x 1/2	10	250
116270G1812	18 x 1/2	10	200
116270G1834	18 x 3/4	10	150
116270G2212	22 x 1/2	10	150
116270G2234	22 x 3/4	10	120
116270G221	22 x 1	10	80
116270G2834	28 x 3/4	5	100
116270G281	28 x 1	5	80
116270G28114	28 x 1 1/4	5	40

16270S

AUG 014

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
116270S12	12	10	300
116270S15	15	10	200
116270S18	18	10	140
116270S22	22	10	80
116270S28	28	5	50

16280G

AUG 014

Male adaptor, with male plain end and male thread



Article No.	Dimension	Bag	Box
116280G1212	12a x 1/2	10	350
116280G1512	15a x 1/2	10	300
116280G1812	18a x 1/2	10	250
116280G1834	18a x 3/4	10	150
116280G2212	22a x 1/2	10	150
116280G2234	22a x 3/4	10	150
116280G2834	28a x 3/4	5	100
116280G281	28a x 1	5	60

16359G

AUG 014

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
116359G1212	12 x 1/2	5	350
116359G1534	15 x 3/4	5	200
116359G181	18 x 1	5	120
116359G22112	22 x 1 1/2	o.r.	o.r.

4993

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS®, 12 -108 mm, with pen holder and magnet



Article No.	Dimension	Bag	Box
84993	12 - 108 mm	1	40



PIPING SYSTEMS | Carbon steel

SANHA®-Therm

(Series 24000)

combipress
= Tool Compatibility + Push & Stay
+ Leak Path Feature
exclusive from SANHA



SANHA®-Therm

Series 24000

The SANHA®-Therm installation system consists of tried and trusted SANHA®-Therm press fittings with a black moulded EPDM sealing ring and SANHA®-Therm carbon steel pipes according to EN 10305-3.

The carefully manufactured installation system and its components offer an economically attractive solution for closed heating installations. At the same time, SANHA®-Therm is especially well suited for pressurised air and fire extinguishing systems according to EN 10346 (DZ version). The variant "Contiflo" also offers galvanised system pipes which are characterized by being easy to bend.

Carbon steel pipes need special treatment concerning corrosion and can therefore only be used when all relevant general norms and regulations are followed. SANHA®-Therm press fittings are marked with a red dot on the outside.

Operating conditions for SANHA®-Therm system press fittings from carbon steel

Outer pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature SANHA®-Therm press fittings with black EPDM sealing ring	
-30 °C – +120 °C	
Type of thread: Pipe thread: R/Rp thread according to EN 10226, Fastening thread: G thread according to ISO 228	

Features

- **combipress =**
 - + **Tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Leak path feature** (certified forced leakage before pressing with EPDM and HNBR sealing rings) in combination with
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Fast installation, no risk of fire**
The connection with carbon steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. The SANHA®-Therm system is therefore ideally suited for renovation work.
- **Exceptional flexibility**
Permanent connection with carbon steel system pipes according to EN 10305-3 and/or EN 10346 (DZ version):
 - **SANHA®-Therm installation pipes, galvanised on the outside:**
 - TIG-welded, pressure tight precision steel pipes in unalloyed steel E195 (material no. 1.0034)
 - Ideally suited for heating thanks to no galvanization of the inside = no risk of pump pollution
 - **SANHA®-Therm installation pipes, DZ version, galvanised on the in- and outside:**
 - TIG-welded, precision steel pipes with optimised wall thickness from unalloyed steel
 - Pipes are made from continuously galvanised steel (Sendzimir process) according to EN 10346
 - Higher corrosion resistance due to galvanization on both sides and therefore optimally suited for use in fire extinguishing and sprinkler systems
 - Material E 195 (Z275 MBO) with the material no. 1.0034 according to EN 10305-3
 - Condition on delivery +CR2
 - Available in the dimensions 22-108 mm (sprinkler portfolio)
 - **SANHA®-Therm "Contiflo" installation pipes, galvanised:**
 - Hot-dip galvanised unalloyed steel with optimised wall thickness
 - Material E195, material no. 1.0034 according to EN 10305-3
 - Optimised wall thickness allows easy bending
 - invisible welding seam
 - clean, dry and oil-free surface
 - **Superior corrosion resistance due to galvanization of one or both sides (depending on version)**
 - **All dimensions 12-108 mm including 67 mm**
 - **Safe connection**
 - **Thread compliant with EN 10226 and/or ISO7/1 type R and Rp**

Areas of application

Compressed air (oil free)	Fire extinguishing systems (with DZ pipes)	Heating - closed circuits (no DZ pipes)
Ship Building		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 24000)

24000

AUG 482

System pipe, carbon steel 1.0034, in 6 m lengths, for heating, compressed air and cooling systems (in closed systems)



Article No.	Dimension	Bag	Box*
12400012	12 x 1,2		600
12400015	15 x 1,2		600
12400018	18 x 1,2		240
12400022	22 x 1,5		420
12400028	28 x 1,5		240
12400035	35 x 1,5		180
12400042	42 x 1,5		120
12400054	54 x 1,5		60
12400067	67 x 1,5		30
12400076	76,1 x 2,0		30
12400089	88,9 x 2,0		30
12400108	108,0 x 2,0		30

24500

AUG 482

System pipe, carbon steel 1.0034, in 3 m lengths, for heating, compressed air and cooling systems (in closed systems)



Article No.	Dimension	Bag	Box*
12450012	12 x 1,2		300
12450015	15 x 1,2		300
12450018	18 x 1,2		120
12450022	22 x 1,5		210
12450028	28 x 1,5		120
12450035	35 x 1,5		90
12450042	42 x 1,5		60
12450054	54 x 1,5		30
12450067	67 x 1,5		15
12450076	76,1 x 2,0		15
12450089	88,9 x 2,0		15
12450108	108,0 x 2,0		15

24000#

AUG 482

System pipe, carbon steel 1.0034 Contiflo galvanised, in 6 m lengths, for heating, compressed air and cooling systems (in closed systems)



Article No.	Dimension	Bag	Box*
12400012#	12 x 1,2		o. r.
12400015#	15 x 1,2		o. r.
12400018#	18 x 1,2		o. r.

24500#

AUG 482

System pipe, carbon steel 1.0034 Contiflo galvanised, in 3 m lengths, for heating, compressed air and cooling systems (in closed systems)



Article No.	Dimension	Bag	Box*
12450012#	12 x 1,2		o. r.
12450015#	15 x 1,2		o. r.
12450018#	18 x 1,2		o. r.

24000-DZ

AUG 482

DZ carbon steel system pipe, internally and externally zinc-coated for sprinkler, compressed air and closed heat and cooling systems, 6 m lengths



Article No.	Dimension	Bag	Box*
124000DZ18	18 x 1,2		420
124000DZ22	22 x 1,5		420
124000DZ28	28 x 1,5		240
124000DZ35	35 x 1,5		180
124000DZ42	42 x 1,5		120
124000DZ54	54 x 1,5		60
124000DZ76	76,1 x 2,0		30
124000DZ89	88,9 x 2,0		30
124000DZ108	108,0 x 2,0		30

24001A

AUG 016

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
124001A12	12	10	500
124001A15	15	10	350
124001A18	18	10	250
124001A22	22	10	130
124001A28	28	5	75
124001A35	35	2	30
124001A42	42	2	22
124001A54	54	2	12
124001A67	67	1	8

Product catalogue | 2018 | (Series 24000)

24001A

AUG 016

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box
124001A76	76,1	1	5
124001A89	88,9	1	3
124001A108	108,0	1	1

24002A

AUG 016

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
124002A12	12	10	500
124002A15	15	10	300
124002A18	18	10	200
124002A22	22	10	130
124002A28	28	5	70
124002A35	35	2	30
124002A42	42	2	24
124002A54	54	2	12
124002A67	67	1	6
124002A76	76,1	1	4
124002A89	88,9	1	2
124002A108	108,0	1	1

24002G

AUG 016

Bend 90°, female end and female thread



Article No.	Dimension	Bag	Box
124002G2234	22 x 3/4	10	70
124002G2812	28 x 1/2	5	60
124002G281	28 x 1	5	50
124002G3512	35 x 1/2	2	30
124002G35114	35 x 1 1/4	2	24
124002G42112	42 x 1 1/2	2	16
124002G542	54 x 2	2	8

24003

AUG 016

Bend 90°, male plain ends



Article No.	Dimension	Bag	Box
12400315	15	10	100
12400318	18	10	80
12400322	22	10	70
12400328	28	5	30
12400335	35	1	15
12400342	42	2	10
12400354	54	2	6

24040

AUG 016

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
12404012	12	10	600
12404015	15	10	400
12404018	18	10	250
12404022	22	10	180
12404028	28	5	90
12404035	35	2	40
12404042	42	2	30
12404054	54	2	14
12404067	67	1	10
12404076	76,1	1	6
12404089	88,9	1	3
124040108	108,0	1	2

24041

AUG 016

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
12404112	12	10	600
12404115	15	10	350
12404118	18	10	250
12404122	22	10	160
12404128	28	5	80
12404135	35	2	40
12404142	42	2	30
12404154	54	2	16

Product catalogue | 2018 | (Series 24000)

24041

AUG 016

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
12404167	67	1	12
12404176	76,1	1	6
12404189	88,9	1	3
124041108	108,0	1	2

24085

AUG 016

Crossover, female/female end



Article No.	Dimension	Bag	Box
12408515	15	10	150
12408518	18	10	90
12408522	22	10	50
12408528	28	5	35

24086

AUG 016

Crossover, female/male plain end



Article No.	Dimension	Bag	Box
12408612	12	10	300
12408615	15	10	200
12408618	18	10	150
12408622	22	10	80
12408628	28	5	40

24087

AUG 016

Crossover, male/male plain end



Article No.	Dimension	Bag	Box
12408722	22	10	50
12408728	28	5	40

24090G

AUG 016

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
124090G1512	15 x 1/2	10	150
124090G1812	18 x 1/2	10	150
124090G2212	22 x 1/2	10	100
124090G2234	22 x 3/4	10	80
124090G2812	28 x 1/2	5	60
124090G281	28 x 1	5	30
124090G35114	35 x 1 1/4	2	20
124090G42112	42 x 1 1/2	2	12
124090G542	54 x 2	2	6

24092G

AUG 016

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
124092G1238	12 x 3/8	10	250
124092G1538	15 x 3/8	10	200
124092G1512	15 x 1/2	10	200
124092G1812	18 x 1/2	10	160
124092G2234	22 x 3/4	10	80
124092G281	28 x 1	5	50
124092G35114	35 x 1 1/4	2	30
124092G42112	42 x 1 1/2	2	12
124092G542	54 x 2	2	10

24130

AUG 016

Tee, female ends



Article No.	Dimension	Bag	Box
12413012	12	10	350
12413015	15	10	200
12413018	18	10	150
12413022	22	10	80
12413028	28	5	50
12413035	35	2	30
12413042	42	2	20
12413054	54	2	8

Product catalogue | 2018 | (Series 24000)

24130

AUG 016

Tee, female ends



Article No.	Dimension	Bag	Box
12413067	67	1	6
12413076	76,1	1	3
12413089	88,9	1	2
124130108	108,0	1	1
124130121512	12 x 15 x 12	10	300
124130151215	15 x 12 x 15	10	200
124130151815	15 x 18 x 15	10	180
124130152215	15 x 22 x 15	10	120
124130181515	18 x 15 x 15	10	200
124130181518	18 x 15 x 18	10	150
124130181815	18 x 18 x 15	10	180
124130182218	18 x 22 x 18	10	90
124130221222	22 x 12 x 22	10	130
124130221515	22 x 15 x 15	10	150
124130221518	22 x 15 x 18	10	150
124130221522	22 x 15 x 22	10	100
124130221818	22 x 18 x 18	10	130
124130221822	22 x 18 x 22	10	100
124130222215	22 x 22 x 15	10	100
124130222218	22 x 22 x 18	10	100
124130222822	22 x 28 x 22	5	70
124130281522	28 x 15 x 22	5	80
124130281528	28 x 15 x 28	5	70
124130281822	28 x 18 x 22	5	90
124130281828	28 x 18 x 28	5	70
124130282222	28 x 22 x 22	5	70
124130282228	28 x 22 x 28	5	60
124130282815	28 x 28 x 15	5	60
124130282818	28 x 28 x 18	5	60
124130282822	28 x 28 x 22	5	70
124130283528	28 x 35 x 28	2	40
124130351535	35 x 15 x 35	2	40
124130351835	35 x 18 x 35	2	40
124130352222	35 x 22 x 22	2	50
124130352228	35 x 22 x 28	2	40
124130352235	35 x 22 x 35	2	36
124130352828	35 x 28 x 28	2	44
124130352835	35 x 28 x 35	2	30
124130353522	35 x 35 x 22	2	40
124130353528	35 x 35 x 28	2	30
124130421542	42 x 15 x 42	2	24
124130421842	42 x 18 x 42	2	20
124130422242	42 x 22 x 42	2	24

24130

AUG 016

Tee, female ends



Article No.	Dimension	Bag	Box
124130422842	42 x 28 x 42	2	20
124130423535	42 x 35 x 35	2	24
124130423542	42 x 35 x 42	2	20
124130542254	54 x 22 x 54	2	16
124130542854	54 x 28 x 54	2	14
124130543554	54 x 35 x 54	2	12
124130544254	54 x 42 x 54	2	10
124130672867	67 x 28 x 67	1	10
124130673567	67 x 35 x 67	1	8
124130674267	67 x 42 x 67	1	8
124130675467	67 x 54 x 67	1	6
124130762276	76,1 x 22 x 76,1	1	5
124130762876	76,1 x 28 x 76,1	1	5
124130763576	76,1 x 35 x 76,1	1	5
124130764276	76,1 x 42 x 76,1	1	5
124130765476	76,1 x 54 x 76,1	1	5
124130766776	76,1 x 67 x 76,1	1	5
124130895489	88,9 x 54 x 88,9	1	3
124130897689	88,9 x 76,1 x 88,9	1	2
12413010854108	108,0 x 54 x 108,0	1	2
12413010867108	108,0 x 67 x 108,0	1	2
12413010876108	108,0 x 76,1 x 108,0	1	1
12413010889108	108,0 x 88,9 x 108,0	1	1

24130G

AUG 016

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
124130G1212	12 x 1/2 x 12	10	150
124130G1512	15 x 1/2 x 15	10	80
124130G1812	18 x 1/2 x 18	10	60
124130G2212	22 x 1/2 x 22	10	50
124130G2234	22 x 3/4 x 22	10	30
124130G2812	28 x 1/2 x 28	5	30
124130G2834	28 x 3/4 x 28	5	30
124130G281	28 x 1 x 28	5	25
124130G3512	35 x 1/2 x 35	2	16
124130G3534	35 x 3/4 x 35	2	18
124130G351	35 x 1 x 35	2	16
124130G4212	42 x 1/2 x 42	2	12

Product catalogue | 2018 | (Series 24000)

24130G

AUG 016

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
124130G4234	42 x 3/4 x 42	2	12
124130G5412	54 x 1/2 x 54	2	8
124130G5434	54 x 3/4 x 54	2	8
124130G7634	76,1 x 3/4 x 76,1	1	4
124130G8934	88,9 x 3/4 x 88,9	1	4
124130G10834	108,0 x 3/4 x 108,0	1	2

24130L

AUG 016

Tee, long, female ends



Article No.	Dimension	Bag	Box
124130L15	15	10	200

24180

AUG 020

Cross, for mixture-free crossing of pipes at the same level, chromium-plated



Article No.	Dimension	Bag	Box
12418015	15	1	25
1241801512	15 x 12	1	30
1241801812	18 x 12	1	25
1241801815	18 x 15	1	20
1241802212	22 x 12	1	20
1241802215	22 x 15	1	20

24181.1

AUG 016

Cross distributor, two planes



Article No.	Dimension	Bag	Box
12418115.1	15	1	40
1241811815.1	18 x 15	1	35
1241812215.1	22 x 15	1	20
1241812218.1	22 x 18	1	20
1241812815.1	28 x 15	1	20
1241812818.1	28 x 18	1	20

24240

AUG 016

Reducing coupling, female/female end



Article No.	Dimension	Bag	Box
1242401512	15 x 12	10	600
1242401812	18 x 12	10	400
1242401815	18 x 15	10	350
1242402215	22 x 15	10	250
1242402218	22 x 18	10	250
1242402815	28 x 15	5	160
1242402818	28 x 18	5	150
1242402822	28 x 22	5	125
1242403522	35 x 22	2	100
1242403528	35 x 28	2	80
1242404222	42 x 22	2	70
1242404228	42 x 28	2	60
1242404235	42 x 35	2	44
1242405428	54 x 28	2	32
1242405435	54 x 35	2	30
1242405442	54 x 42	2	30

24270

AUG 016

Coupling, female/female end



Article No.	Dimension	Bag	Box
12427012	12	10	600
12427015	15	10	400
12427018	18	10	300
12427022	22	10	160
12427028	28	5	110
12427035	35	2	50
12427042	42	2	40
12427054	54	2	28
12427067	67	1	14
12427076	76,1	1	10
12427089	88,9	1	6
124270108	108,0	1	4

Product catalogue | 2018 | (Series 24000)

24243

AUG 016

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
1242431512	15a x 12	10	600
1242431812	18a x 12	10	500
1242431815	18a x 15	10	360
1242432215	22a x 15	10	300
1242432218	22a x 18	10	300
1242432815	28a x 15	5	200
1242432818	28a x 18	5	150
1242432822	28a x 22	5	120
1242433522	35a x 22	2	80
1242433528	35a x 28	2	70
1242434222	42a x 22	2	70
1242434228	42a x 28	2	50
1242434235	42a x 35	2	60
1242435435	54a x 35	2	40
1242435442	54a x 42	2	36
1242436728	67a x 28	1	20
1242436735	67a x 35	1	20
1242436742	67a x 42	1	18
1242436754	67a x 54	1	20
1242437635	76,1a x 35	1	15
1242437642	76,1a x 42	1	15
1242437654	76,1a x 54	1	15
1242437667	76,1a x 67	1	15
1242438954	88,9a x 54	1	10
1242438976	88,9a x 76,1	1	10
12424310842	108,0a x 42	1	4
12424310854	108,0a x 54	1	4
12424310867	108,0a x 67	1	4
12424310876	108,0a x 76,1	1	4
12424310889	108,0a x 88,9	1	4

24270S

AUG 016

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
124270S12	12	10	700
124270S15	15	10	300
124270S18	18	10	250
124270S22	22	10	150

24270S

AUG 016

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
124270S28	28	5	80
124270S35	35	2	50
124270S42	42	2	40
124270S54	54	2	24
124270S67	67	1	15
124270S76	76,1	1	10
124270S89	88,9	1	6
124270S108	108,0	1	3

24243G

AUG 016

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
124243G1238	12 x 3/8	10	300
124243G1538	15 x 3/8	10	300
124243G1512	15 x 1/2	10	200
124243G1534	15 x 3/4	10	150
124243G1812	18 x 1/2	10	150
124243G1834	18 x 3/4	10	150
124243G2212	22 x 1/2	10	100
124243G2234	22 x 3/4	10	100
124243G221	22 x 1	10	80
124243G2834	28 x 3/4	5	60
124243G281	28 x 1	5	50
124243G28114	28 x 1 1/4	5	45
124243G351	35 x 1	2	30
124243G35114	35 x 1 1/4	2	30
124243G42114	42 x 1 1/4	2	30
124243G42112	42 x 1 1/2	2	24
124243G542	54 x 2	2	16
124243G67212	67 x 2 1/2	1	10
124243G76212	76,1 x 2 1/2	1	5
124243G763	76,1 x 3	1	5
124243G893	88,9 x 3	1	4
124243G1084	108,0 x 4	1	2

Product catalogue | 2018 | (Series 24000)

24246G

AUG 016

Transition element, with male plain end and female thread



Article No.	Dimension	Bag	Box
124246G1212	12a x 1/2	10	250
124246G1512	15a x 1/2	10	200
124246G1812	18a x 1/2	10	200
124246G1834	18a x 3/4	10	150
124246G2212	22a x 1/2	10	200
124246G2234	22a x 3/4	10	150

24250

AUG 016

Male adaptor, with male plain and groove for tube coupling



Article No.	Dimension	Bag	Box
12425028337	28 x 33,7	5	60
12425035424	35 x 42,4	2	50
12425042483	42 x 48,3	2	30
12425054603	54 x 60,3	o. r.	o. r.
124250761761	76,1 x 76,1	1	6
124250889889	88,9 x 88,9	o. r.	o. r.
124250108114	108 x 114	1	2

24270G

AUG 016

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
124270G1212	12 x 1/2	10	300
124270G1512	15 x 1/2	10	160
124270G1812	18 x 1/2	10	150
124270G1834	18 x 3/4	10	120
124270G2212	22 x 1/2	10	100
124270G2234	22 x 3/4	10	70
124270G221	22 x 1	10	60
124270G2812	28 x 1/2	5	70
124270G2834	28 x 3/4	5	50
124270G281	28 x 1	5	50
124270G28114	28 x 1 1/4	5	40
124270G351	35 x 1	2	30
124270G35114	35 x 1 1/4	2	30

24270G

AUG 016

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
124270G35112	35 x 1 1/2	2	30
124270G42114	42 x 1 1/4	2	30
124270G42112	42 x 1 1/2	2	24
124270G54112	54 x 1 1/2	2	24
124270G542	54 x 2	2	16
124270G67212	67 x 2 1/2	1	10
124270G76212	76 x 2 1/2	1	5
124270G893	88,9 x 3	1	3

24280G

AUG 016

Male adaptor, with male plain end and male thread



Article No.	Dimension	Bag	Box
124280G1212	12a x 1/2	10	350
124280G1512	15a x 1/2	10	350
124280G1812	18a x 1/2	10	250
124280G1834	18a x 3/4	10	150
124280G2212	22a x 1/2	10	150
124280G2234	22a x 3/4	10	150

24301

AUG 016

Cap, female end



Article No.	Dimension	Bag	Box
12430112	12	10	1000
12430115	15	10	800
12430118	18	10	700
12430122	22	10	300
12430128	28	5	250
12430135	35	2	120
12430142	42	2	90
12430154	54	2	50
12430167	67	1	30
12430176	76,1	1	20
12430189	88,9	1	14
124301108	108,0	1	10

Product catalogue | 2018 | (Series 24000)

24330

AUG 016

Union, flat sealing, female/female end



Article No.	Dimension	Bag	Box
12433015	15	5	100
12433018	18	5	100
12433022	22	5	60
12433028	28	5	40
12433035	35	2	30
12433042	42	2	18
12433054	54	2	10

24333G

AUG 016

Union, flat sealing, with female end and male thread



Article No.	Dimension	Bag	Box
124333G1512	15 x 1/2	5	120
124333G1812	18 x 1/2	5	100
124333G2234	22 x 3/4	5	60
124333G221	22 x 1	5	60
124333G281	28 x 1	5	40
124333G35114	35 x 1 1/4	2	20
124333G42112	42 x 1 1/2	2	12
124333G542	54 x 2	2	8

24359G

AUG 016

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
124359G1534	15 x 3/4	5	200
124359G1834	18 x 3/4	5	160
124359G181	18 x 1	5	120
124359G2234	22 x 3/4	5	120
124359G221	22 x 1	5	100
124359G22114	22 x 1 1/4	5	80
124359G28114	28 x 1 1/4	5	80
124359G28112	28 x 1 1/2	5	50

24359G

AUG 016

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
124359G35112	35 x 1 1/2	2	40
124359G352	35 x 2	2	30
124359G42112	42 x 1 1/2	2	
124359G42134	42 x 1 3/4	2	30
124359G422	42 x 2	2	30
124359G542	54 x 2	2	20
124359G54238	54 x 2 3/8	2	16
124359G762	76,1 x 2	1	6
124359G763	76,1 x 3	1	10
124359G893	88,9 x 3	1	4
124359G89312	88,9 x 3 1/2	1	6

24580

AUG 020

Cross tee, with 5 mm high insulation box, for mixture-free crossing of pipes keeping minimum installation heights



Article No.	Dimension	Bag	Box
12458015	15		5
124580151215	15 x 12 x 15		5
124580181218	18 x 12 x 18		5
124580181518	18 x 15 x 18		5
124580221522	22 x 15 x 22		5

24580.1

AUG 020

Cross tee, for mixture-free crossing of pipes keeping minimum installation heights (without insulation box)



Article No.	Dimension	Bag	Box
124580115	15	1	10
1245801151215	15 x 12 x 15	1	10
1245801181218	18 x 12 x 18	1	10
1245801181518	18 x 15 x 18	1	10
1245801221522	22 x 15 x 22	1	10
1245801221822	22 x 18 x 22	1	10

Product catalogue | 2018 | (Series 24000)

24582

AUG 016

Twin pipe crossover tee



Article No.	Dimension	Bag	Box
1245821212	12 x 12 x 500	1	15
1245821512	15 x 12 x 500	1	15
1245821515	15 x 15 x 500	1	15
1245821812	18 x 12 x 500	1	15
1245821815	18 x 15 x 500	1	12
1245822212	22 x 12 x 500	1	15
1245822215	22 x 15 x 500	1	15
1245822815	28 x 15 x 500	1	10

24583

AUG 016

Cross tee



Article No.	Dimension	Bag	Box
1245831512	15 x 12 x 280 mm	1	20
1245831515	15 x 15 x 280 mm	1	20
1245831812	18 x 12 x 280 mm	1	20
1245831815	18 x 15 x 280 mm	1	20
1245832212	22 x 12 x 280 mm	1	20
1245832215	22 x 15 x 280 mm	1	20
1245832815	28 x 15 x 280 mm	1	20

24584

AUG 016

Twin pipe crossover tee for pipe end



Article No.	Dimension	Bag	Box
1245841212	12 x 12 x 500 mm	1	15
1245841512	15 x 12 x 500 mm	1	15
1245841515	15 x 15 x 500 mm	1	15
1245841812	18 x 12 x 500 mm	1	15
1245841815	18 x 15 x 500 mm	1	15
1245842212	22 x 12 x 500 mm	1	15
1245842215	22 x 15 x 500 mm	1	15

24585

AUG 016

Cross tee for radiators



Article No.	Dimension	Bag	Box
1245851212	12 x 12 x 270 mm	1	20
1245851512	15 x 12 x 270 mm	1	20

24-BM-PF

AUG 016

Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box
124BMPF42	DN 40 / 42 mm	3	270
124BMPF54	DN 50 / 54 mm	2	180
124BMPF67	DN - / 66,7 mm	2	180
124BMPF76	DN 65 / 76,1 mm	3	135
124BMPF76_DN80	DN 80 / 76,1 mm	2	90
124BMPF89	DN 80 / 88,9 mm	2	90
124BMPF108	DN 100 / 108,0 mm	1	45

24-BM-PF-L4

AUG 016

Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box
124BMPF76L4	DN 65 / 76,1 mm	o. r.	o. r.

24-BM-PF-PN6

AUG 016

Press flange PN 6, with female end



Article No.	Dimension	Bag	Box
124BMPF35PN6	DN 32 / 35 mm	1	4
124BMPF42PN6	DN 40 / 42 mm	1	4
124BMPF54PN6	DN 50 / 54 mm	1	4
124BMPF67PN6	DN - / 66,7 mm	1	2
124BMPF76PN6	DN 65 / 76,1 mm	1	2
124BMPF89PN6	DN 80 / 88,9 mm	1	2
124BMPF108PN6	DN 100 / 108,0 mm	1	1

Product catalogue | 2018 | (Series 24000)

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D32	DN 32 (43 x 82 x 2 mm)	30	120
1D40	DN 40 (49 x 92 x 2 mm)	25	100
1D50	DN 50 (61 x 107 x 2 mm)	120	120
1D65	DN 65 (77 x 127 x 2 mm)	100	100
1D80	DN 80 (89 x 142 x 2 mm)	80	80
1D100	DN 100 (115 x 168 x 2 mm)	60	60

FL-D-PN6

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 6



Article No.	Dimension	Bag	Box
1D32PN6	DN 32 (43 x 76 x 2 mm)	o. r.	o. r.
1D40PN6	DN 40 (49 x 86 x 2 mm)	o. r.	o. r.
1D50PN6	DN 50 (61 x 96 x 2 mm)	o. r.	o. r.
1D65PN6	DN 65 (77 x 116 x 2 mm)	o. r.	o. r.
1D80PN6	DN 80 (89 x 132 x 2 mm)	o. r.	o. r.
1D100PN6	DN 100 (115 x 152 x 2 mm)	o. r.	o. r.

D-EPDM

AUG 602

Sealing ring



Article No.	Dimension	Bag	Box
1DEPDM38	3/8 nut 14 x 8 x 3	o. r.	o. r.
1DEPDM12	1/2 nut 18 x 11 x 3	o. r.	o. r.
1DEPDM34	3/4 nut 24 x 17 x 3	o. r.	o. r.
1DEPDM1	1 nut 30 x 21 x 3	o. r.	o. r.
1DEPDM114	1 1/4 nut 38 x 27 x 3	o. r.	o. r.
1DEPDM112	1 1/2 nut 44 x 32 x 3	o. r.	o. r.
1DEPDM134	1 3/4 nut 50 x 37 x 3	o. r.	o. r.
1DEPDM2	2 nut 55 x 42 x 3	o. r.	o. r.
1DEPDM238	2 3/8 nut 65 x 55 x 3	o. r.	o. r.
1DEPDM3	3 nut 85 x 70 x 3	o. r.	o. r.
1DEPDM312	3 1/2 nut 97 x 75 x 3	o. r.	o. r.

4993

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS®, 12 -108 mm, with pen holder and magnet



Article No.	Dimension	Bag	Box
84993	12 - 108 mm	1	40



PIPING SYSTEMS | Carbon steel

SANHA®-Therm Industry

(Series 28000)



SANHA®-Therm Industry

Series 28000

The SANHA®-Therm Industry installation system consists of tried and trusted SANHA®-Therm Industry system press fittings with a red moulded FKM (fluoro carbon elastomer) sealing ring for high temperature applications and SANHA®-Therm carbon steel system pipes according to EN 10305-3.

The carefully manufactured installation system and its components offer a very attractive economical solution for closed heating circuits. At the same time, SANHA®-Therm Industry is exceptionally well suited for compressed air and fire extinguishing systems according to EN 10346 (DZ version). The variant "Contiflo" on the other hand offers hotdip galvanised unalloyed steel system pipes (E195) according to EN 10305-3 which allow an especially easy deformation.

Carbon steel pipes and fittings require special care and treatment in terms of corrosion protection and can therefore only be used when the specific SANHA installation requirements are followed.

Please note that the pressing of sprinkler systems requires a special high-pressure sling.

SANHA®-Therm Industry system press fittings are labelled with the red letters „HT“ printed on the outside.

Operating conditions for SANHA®-Therm Industry system press fittings from galvanised C-steel	
Outer pipe diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Operating temperature SANHA®-Therm Industry with red FKM sealing ring	
-20 °C – +200 °C (depending on medium)	
Type of thread:	
Pipe thread: R/Rp thread according to EN 10226	
Fastening thread: G thread according to ISO 228	

Features

- **Tool compatibility and Push & Stay**
 - + **Tool compatibility:** pressable with press jaws and slings with original SA, V and M profile up to and including 54 mm
 - + **Push & Stay function** for safe, reliable installation in every location up to and including 54 mm
- **Fast installation, no risk of fire:**

The connections with carbon steel pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. The SANHA®-Therm Industry system is therefore ideally suited for renovation work.
- **High corrosion resistance:**

The premium stainless steel type 1.4404 (316L) and the exceptionally smooth, passivated surface of pipes and fittings lead to an excellent corrosion resistance.

 - **All dimensions from 15 to 108 mm**
 - **Reliable, permanent connection** with SANHA®-Therm C-steel system pipes according to EN 10305-3 / EN 10346 (DZ version) - **Multiple possible combination for increased flexibility:**
 - **SANHA®-Therm C-steel system pipes, galvanised on the outside:**
 - Longitudinally welded, pressure tight, wall thickness optimised and galvanised on the outside
 - Outside galvanization for ideal use with all heating applications as there is no risk of internal galvanising flaking off and damaging pumps.
 - unalloyed steel E195 (RST 34-2). material number 1.0034 according to EN 10305-3
 - Condition on delivery +CR1.
 - **SANHA®-Therm C-steel system pipes in DZ version, galvanised on the in- and outside:**
 - Longitudinally welded, wall thickness optimised precision steel pipes from unalloyed steel
 - Installation pipes from continuously galvanised steel (Sendzimir process) according to EN 10346
 - Higher corrosion resistance due to Sendzimir galvanization on both sides and therefore ideally suited for use in fire extinguishing and sprinkler systems
 - After galvanization the material is an E 195 (Z275 MBO) steel with the material number 1.0034 according to EN 10305-3
 - Condition on delivery +CR2
 - Available in the dimensions 22 to 108 mm (sprinkler portfolio)
 - **SANHA®-Therm „Contiflo“ C-steel system pipes, galvanised:**
 - Thin-walled hot-dip galvanised precision pipes from unalloyed steel E195 with the material number 1.0034 according to EN 10305-3
 - Allows easy deforming processing
 - Invisible weld seam
 - Clean, dry and greaseless surface

Areas of application

Compressed Air	Fire extinguishing systems (with DZ pipes)	Heating - closed circuits (no DZ pipes)	Ship building
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 28000)

24000

AUG 482

System pipe, carbon steel 1.0034, in 6 m lengths, for heating, compressed air and cooling systems (in closed systems)



Article No.	Dimension	Bag	Box*	
12400012	12 x 1,2		600	
12400015	15 x 1,2		600	
12400018	18 x 1,2		240	
12400022	22 x 1,5		420	
12400028	28 x 1,5		240	
12400035	35 x 1,5		180	
12400042	42 x 1,5		120	
12400054	54 x 1,5		60	
12400067	67 x 1,5		30	
12400076	76,1 x 2,0		30	
12400089	88,9 x 2,0		30	
12400108	108,0 x 2,0		30	

24500

AUG 482

System pipe, carbon steel 1.0034, in 3 m lengths, for heating, compressed air and cooling systems (in closed systems)



Article No.	Dimension	Bag	Box*	
12450012	12 x 1,2		300	
12450015	15 x 1,2		300	
12450018	18 x 1,2		120	
12450022	22 x 1,5		210	
12450028	28 x 1,5		120	
12450035	35 x 1,5		90	
12450042	42 x 1,5		60	
12450054	54 x 1,5		30	
12450067	67 x 1,5		15	
12450076	76,1 x 2,0		15	
12450089	88,9 x 2,0		15	
12450108	108,0 x 2,0		15	

24000#

AUG 482

System pipe, carbon steel 1.0034 Contiflo galvanised, in 6 m lengths, for heating, compressed air and cooling systems (in closed systems)



Article No.	Dimension	Bag	Box*	
12400012#	12 x 1,2		o. r.	
12400015#	15 x 1,2		o. r.	
12400018#	18 x 1,2		o. r.	

24500#

AUG 482

System pipe, carbon steel 1.0034 Contiflo galvanised, in 3 m lengths, for heating, compressed air and cooling systems (in closed systems)



Article No.	Dimension	Bag	Box*	
12450012#	12 x 1,2		o. r.	
12450015#	15 x 1,2		o. r.	
12450018#	18 x 1,2		o. r.	

24000-DZ

AUG 482

DZ carbon steel system pipe, internally and externally zinc-coated for sprinkler, compressed air and closed heat and cooling systems, 6 m lengths



Article No.	Dimension	Bag	Box*	
124000DZ18	18 x 1,2		420	
124000DZ22	22 x 1,5		420	
124000DZ28	28 x 1,5		240	
124000DZ35	35 x 1,5		180	
124000DZ42	42 x 1,5		120	
124000DZ54	54 x 1,5		60	
124000DZ76	76,1 x 2,0		30	
124000DZ89	88,9 x 2,0		30	
124000DZ108	108,0 x 2,0		30	

28001A

AUG 021

Bend 90°, female/male plain end



Article No.	Dimension	Bag	Box	
128001A15	15	10	350	
128001A18	18	10	250	
128001A22	22	10	130	
128001A28	28	5	75	
128001A35	35	2	30	
128001A42	42	2	22	
128001A54	54	2	12	
128001A76	76,1	1	5	
128001A89	88,9	1	3	
128001A108	108,0	1	1	

Product catalogue | 2018 | (Series 28000)

28002A

AUG 021

Bend 90°, female/female end



Article No.	Dimension	Bag	Box
128002A15	15	10	300
128002A18	18	10	200
128002A22	22	10	130
128002A28	28	5	80
128002A35	35	2	40
128002A42	42	2	24
128002A54	54	2	12
128002A76	76,1	1	4
128002A89	88,9	1	2
128002A108	108,0	1	1

28041

AUG 021

Bend 45°, female/female end



Article No.	Dimension	Bag	Box
12804115	15	10	350
12804118	18	10	250
12804122	22	10	160
12804128	28	5	80
12804135	35	2	40
12804142	42	2	30
12804154	54	2	16
12804176	76,1	1	6
12804189	88,9	1	3
128041108	108,0	1	2

28002G

AUG 021

Bend 90°, female end and female thread



Article No.	Dimension	Bag	Box
128002G2234	22 x 3/4	10	70
128002G2812	28 x 1/2	5	60
128002G281	28 x 1	5	50
128002G3512	35 x 1/2	2	30
128002G35114	35 x 1 1/4	2	24
128002G42112	42 x 1 1/2	2	16
128002G542	54 x 2	2	8

28090G

AUG 021

Elbow 90°, female end and female thread



Article No.	Dimension	Bag	Box
128090G1512	15 x 1/2	10	150
128090G1812	18 x 1/2	10	150
128090G2212	22 x 1/2	5	60
128090G2234	22 x 3/4	10	80
128090G2812	28 x 1/2	10	100
128090G281	28 x 1	5	30
128090G35114	35 x 1 1/4	2	20
128090G42112	42 x 1 1/2	2	12
128090G542	54 x 2	2	6

28040

AUG 021

Bend 45°, female/male plain end



Article No.	Dimension	Bag	Box
12804015	15	10	400
12804018	18	10	250
12804022	22	10	180
12804028	28	5	90
12804035	35	2	40
12804042	42	2	30
12804054	54	2	14
12804076	76,1	1	6
12804089	88,9	1	3
128040108	108,0	1	2

28092G

AUG 021

Elbow 90°, female end and male thread



Article No.	Dimension	Bag	Box
128092G1238	12 x 3/8	10	250
128092G1538	15 x 3/8	10	200
128092G1512	15 x 1/2	10	200
128092G1812	18 x 1/2	10	160
128092G2234	22 x 3/4	10	80
128092G281	28 x 1	5	50
128092G35114	35 x 1 1/4	2	30
128092G42112	42 x 1 1/2	2	12
128092G542	54 x 2	2	10

Product catalogue | 2018 | (Series 28000)

28130

AUG 021

Tee, female ends



Article No.	Dimension	Bag	Box
12813015	15	10	200
12813018	18	10	150
12813022	22	10	80
12813028	28	5	50
12813035	35	2	30
12813042	42	2	18
12813054	54	2	8
12813076	76,1	1	3
12813089	88,9	1	2
128130108	108,0	1	1
128130181518	18 x 15 x 18	10	150
128130221522	22 x 15 x 22	10	100
128130221822	22 x 18 x 22	10	100
128130281528	28 x 15 x 28	5	70
128130281828	28 x 18 x 28	5	70
128130282228	28 x 22 x 28	5	60
128130351535	35 x 15 x 35	2	40
128130351835	35 x 18 x 35	2	40
128130352235	35 x 22 x 35	2	36
128130352835	35 x 28 x 35	2	30
128130421542	42 x 15 x 42	2	24
128130421842	42 x 18 x 42	2	20
128130422242	42 x 22 x 42	2	24
128130422842	42 x 28 x 42	2	20
128130423542	42 x 35 x 42	2	20
128130542254	54 x 22 x 54	2	16
128130542854	54 x 28 x 54	2	14
128130543554	54 x 35 x 54	2	12
128130544254	54 x 42 x 54	2	10
128130762276	76,1 x 22 x 76,1	1	5
128130762876	76,1 x 28 x 76,1	1	5
128130763576	76,1 x 35 x 76,1	1	5
128130764276	76,1 x 42 x 76,1	1	5
128130765476	76,1 x 54 x 76,1	1	5
128130895489	88,9 x 54 x 88,9	1	3
128130897689	88,9 x 76,1 x 88,9	1	2
12813010854108	108,0 x 54 x 108,0	1	2
12813010876108	108,0 x 76,1 x 108,0	1	1
12813010889108	108,0 x 88,9 x 108,0	1	1

28130G

AUG 021

Tee, female/female end and female thread



Article No.	Dimension	Bag	Box
128130G1212	12 x 1/2 x 12	10	150
128130G1512	15 x 1/2 x 15	10	80
128130G1812	18 x 1/2 x 18	10	60
128130G2212	22 x 1/2 x 22	10	50
128130G2234	22 x 3/4 x 22	10	30
128130G2812	28 x 1/2 x 28	5	30
128130G2834	28 x 3/4 x 28	5	30
128130G281	28 x 1 x 28	5	25
128130G3512	35 x 1/2 x 35	2	16
128130G3534	35 x 3/4 x 35	2	18
128130G351	35 x 1 x 35	2	16
128130G4212	42 x 1/2 x 42	2	12
128130G4234	42 x 3/4 x 42	2	12
128130G5412	54 x 1/2 x 54	2	8
128130G5434	54 x 3/4 x 54	2	8
128130G7634	76,1 x 3/4 x 76,1	1	4
128130G8934	88,9 x 3/4 x 88,9	1	4
128130G10834	108,0 x 3/4 x 108,0	1	2

28243

AUG 021

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
1282431815	18a x 15	10	360
1282432215	22a x 15	10	300
1282432218	22a x 18	10	250
1282432818	28a x 18	5	150
1282432822	28a x 22	5	120
1282433522	35a x 22	2	80
1282433528	35a x 28	2	70
1282434228	42a x 28	2	50
1282434235	42a x 35	2	60
1282435435	54a x 35	2	40
1282435442	54a x 42	2	36
1282437635	76,1a x 35	1	15
1282437642	76,1a x 42	1	15
1282437654	76,1a x 54	1	15

Product catalogue | 2018 | (Series 28000)

28243

AUG 021

Fitting reducer, with female and male plain end



Article No.	Dimension	Bag	Box
1282438954	88,9a x 54	1	10
1282438976	88,9a x 76,1	1	10
12824310842	108,0a x 42	1	4
12824310854	108,0a x 54	1	4
12824310876	108,0a x 76,1	1	4
12824310889	108,0a x 88,9	1	4

28243G

AUG 021

Male adaptor, with female end and male thread



Article No.	Dimension	Bag	Box
128243G1238	12 x 3/8	10	300
128243G1538	15 x 3/8	10	300
128243G1512	15 x 1/2	10	250
128243G1534	15 x 3/4	10	150
128243G1812	18 x 1/2	10	150
128243G1834	18 x 3/4	10	150
128243G2212	22 x 1/2	10	100
128243G2234	22 x 3/4	10	100
128243G221	22 x 1	10	80
128243G2834	28 x 3/4	5	60
128243G281	28 x 1	5	50
128243G28114	28 x 1 1/4	5	50
128243G351	35 x 1	2	30
128243G35114	35 x 1 1/4	2	50
128243G42112	42 x 1 1/2	2	26
128243G542	54 x 2	2	16
128243G76212	76,1 x 2 1/2	1	5
128243G763	76,1 x 3	1	5
128243G893	88,9 x 3	1	4
128243G1084	108,0 x 4	1	2

28250

AUG 021

Male adaptor, with male plain and groove for tube coupling



Article No.	Dimension	Bag	Box
12825028337	28 x 33,7	o.r.	o.r.
12825035424	35 x 42,4	o.r.	o.r.

28250

AUG 021

Male adaptor, with male plain and groove for tube coupling



Article No.	Dimension	Bag	Box
12825042483	42 x 48,3	o.r.	o.r.
12825054603	54 x 60,3	o.r.	o.r.
128250761761	76,1 x 76,1	o.r.	o.r.
128250889889	88,9 x 88,9	o.r.	o.r.
128250108114	108 x 114	o.r.	o.r.

28270

AUG 021

Coupling, female/female end



Article No.	Dimension	Bag	Box
12827015	15	10	500
12827018	18	10	300
12827022	22	10	160
12827028	28	5	110
12827035	35	2	50
12827042	42	2	40
12827054	54	2	28
12827076	76,1	1	10
12827089	88,9	1	6
128270108	108,0	1	4

28270G

AUG 021

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
128270G1212	12 x 1/2	10	300
128270G1512	15 x 1/2	10	160
128270G1812	18 x 1/2	10	150
128270G1834	18 x 3/4	10	120
128270G2212	22 x 1/2	10	100
128270G2234	22 x 3/4	10	70
128270G221	22 x 1	10	60
128270G2812	28 x 1/2	5	70
128270G2834	28 x 3/4	5	50
128270G281	28 x 1	5	60
128270G28114	28 x 1 1/4	5	40
128270G351	35 x 1	2	30

Product catalogue | 2018 | (Series 28000)

28270G

AUG 021

Transition coupling, with female end and female thread



Article No.	Dimension	Bag	Box
128270G35114	35 x 1 1/4	2	30
128270G35112	35 x 1 1/2	2	30
128270G42114	42 x 1 1/4	2	30
128270G42112	42 x 1 1/2	2	24
128270G54112	54 x 1 1/2	2	24
128270G542	54 x 2	2	16
128270G76212	76 x 2 1/2	1	5
128270G893	88,9 x 3	1	3

28270S

AUG 021

Slip coupling, female/female end



Article No.	Dimension	Bag	Box
128270S15	15	10	300
128270S18	18	10	250
128270S22	22	10	150
128270S28	28	5	80
128270S35	35	2	50
128270S42	42	2	40
128270S54	54	2	24
128270S76	76,1	1	10
128270S89	88,9	1	6
128270S108	108,0	1	3

28301

AUG 021

Cap, female end



Article No.	Dimension	Bag	Box
12830112	12	10	1000
12830115	15	10	800
12830118	18	10	700
12830122	22	10	300
12830128	28	5	250
12830135	35	2	120
12830142	42	2	90
12830154	54	2	50

28330

AUG 021

Union, flat sealing, female/female end



Article No.	Dimension	Bag	Box
12833015	15	5	100
12833018	18	5	100
12833022	22	5	60
12833028	28	5	40
12833035	35	2	26
12833042	42	2	18
12833054	54	2	10

28333G

AUG 021

Union, flat sealing, with female end and male thread



Article No.	Dimension	Bag	Box
128333G1512	15 x 1/2	5	120
128333G1812	18 x 1/2	5	100
128333G2234	22 x 3/4	5	60
128333G221	22 x 1	5	60
128333G281	28 x 1	5	40
128333G35114	35 x 1 1/4	2	20
128333G42112	42 x 1 1/2	2	12
128333G542	54 x 2	2	8

28359G

AUG 021

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
128359G1534	15 x 3/4	5	200
128359G1834	18 x 3/4	5	160
128359G181	18 x 1	5	120
128359G2234	22 x 3/4	5	120
128359G221	22 x 1	5	100
128359G22114	22 x 1 1/4	5	80
128359G28114	28 x 1 1/4	5	70
128359G28112	28 x 1 1/2	5	50
128359G35112	35 x 1 1/2	2	40
128359G352	35 x 2	2	30
128359G42112	42 x 1 1/2	2	o. r.
128359G42134	42 x 1 3/4	2	30

Product catalogue | 2018 | (Series 28000)

28359G

AUG 021

Union adaptor, flat sealing, female end



Article No.	Dimension	Bag	Box
128359G422	42 x 2	2	30
128359G542	54 x 2	2	o. r.
128359G54238	54 x 23/8	2	16
128359G762	76,1 x 2	1	o. r.
128359G763	76,1 x 3	1	10
128359G89312	88,9 x 3 1/2	1	6

28-BM-PF

AUG 021

Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box
128BMPF42	DN 40 / 42 mm	3	270
128BMPF54	DN 50 / 54 mm	2	180
128BMPF67	DN - / 66,7 mm	2	180
128BMPF76	DN 65 / 76,1 mm	3	135
128BMPF76_DN80	DN 80 / 76,1 mm	2	90
128BMPF89	DN 80 / 88,9 mm	2	90
128BMPF108	DN 100 / 108,0 mm	1	45

28-BM-PF-L4

AUG 021

Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box
128BMPF76L4	DN 65 / 76,1 mm	o. r.	o. r.

DR-S

AUG 601

High temperature FKM seal



Article No.	Dimension	Bag	Box
DR15S01	15,10 x 2,60	o. r.	o. r.
DR18S01	18,20 x 2,65	o. r.	o. r.
DR22S01	22,20 x 3,10	o. r.	o. r.
DR28S01	28,30 x 3,10	o. r.	o. r.
DR35S02	35,20 x 3,15	o. r.	o. r.
DR42S02	42,20 x 4,00	o. r.	o. r.
DR54S02	54,20 x 4,00	o. r.	o. r.
DR64S01	65,00 x 6,00	o. r.	o. r.
DR76S01	77,00 x 7,00	o. r.	o. r.
DR89S02	90,00 x 8,00	o. r.	o. r.
DR108S01	110,00 x 9,00	o. r.	o. r.

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box
1D40	DN 40 (49 x 92 x 2 mm)	25	100
1D50	DN 50 (61 x 107 x 2 mm)	120	120
1D65	DN 65 (77 x 127 x 2 mm)	100	100
1D80	DN 80 (89 x 142 x 2 mm)	80	80
1D100	DN 100 (115 x 168 x 2 mm)	60	60

4993

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS®, 12 -108 mm, with pen holder and magnet



Article No.	Dimension	Bag	Box
84993	12 -108 mm	1	40



PIPING SYSTEMS | Plastic

3fit®-Press

(Series 25000 Pb-free / Series 35000 PPSU)



3fit®-Press

Series 25000 and 35000

3fit® fittings made of lead-free silicon bronze CuSi for use in a system with MultiFit®-Flex and MultiFit®-PEX multi-layer plastic pipes by SANHA according to DVGW W 542 (for drinking water and heating installations) as well as copper pipes. More information on the relevant pipes under "Safe connection" below.

The 3fit®-Press system is approved according to DVGW W 534.

Operating conditions for 3fit®-Press with MultiFit® pipes d ≤ 63 mm	
Operating temperature	Operating pressure
Water and aqueous solutions	
+25°C	16 bar
+50°C	13 bar
+70°C	10 bar
Operating temperature 3fit®-Press system fittings with black EPDM sealing ring	-30 °C – +70°C
Type of thread: Pipe thread: R/Rp thread according to EN 10226 Fastening thread: G thread according to EN 228	

Features

- **Tool compatibility**
Pressable with press jaws and slings with original TH, B, F, H and U profile up to and including 54 mm
- **Push & Stay function**
For safe, reliable installation in every location up to and including 54 mm
- **Unique lead-free alloy**
Our specially developed completely lead-free material silicon bronze CuSi helps to fulfill the strict Drinking Water Directive (DWD). Installers are always safe from any legal claim should the lead concentration exceed the tolerances set forth in the DWD.
- **Greater flexibility**
MultiFit® pipes are easy to bend and to install and absolutely safe to use. They are optimised for the distribution of water on the respective floors
- **Greater safety**
These SANHA fittings have two sealing rings for additional safety!
- **Fast installation, no risk of fire**
The connection with multi-layer pipes by cold pressing enables a fast, time-saving installation and eliminates the risk of fire during the process. 3fit®-Press installation systems are therefore ideally suited for renovation work.
- **High corrosion resistance**
The extremely smooth surface of our system fittings leads to an exceptionally high corrosion resistance.
No porosity of the casting due to high material density.
- **Exceptional flexibility**
 - **All dimensions from 16 to 63 mm**
 - **Safe, permanent connection with:**
 - MultiFit-Flex® multi-layer composite pipe from PE-RT/Al/PE-RT with hygienic inner layer, hermetically sealed aluminium layer and robust outer casing. Higher temperature stability.
 - MultiFit-PEX® multi-layer composite pipe from PE-Xc 16 and 20 mm, oxygen-impermeable 5-layer pipes with a special plastic oxygen-barrier EVOH (not for drinking water); available with or without velcro plates for easy installation.
 - MultiFit-PE-RT® multi-layer pipes 16 mm, **400 m coil**, oxygen-impermeable 5-layer pipes with a special plastic oxygen-barrier EVOH (not for drinking water), with or without velcro. Ideally suited for heating up to 6 bar. Not for drinking water. Also available as **200 m coils**.
 - **NEW:** Insulated MultiFit-Flex® ISO multi-layer pipes PE-RT/Al/PE-RT with hygienic inner layer, hermetically sealed aluminium layer and robust outer casing. All pipes are available in dimensions 16 - 32 mm and with an isolation thickness of 9 or 13 mm.
 - Copper pipes

Transition thread according to EN 10226 and ISO7/1 as well as R/Rp type

Areas of application

Drinking water	Heating	Rainwater
Closed cooling circuits		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 25000 and 35000)

23000

AUG 490

MultiFit®-Flex, system pipe, multi-layer composite pipe for potable water and heating installation, in coils



Article No.	Dimension	Bag	Box*
12300016	16 x 2,0		200
12300016100	16 x 2,0		100
12300020	20 x 2,0		100
12300026	26 x 3,0		50
12300032	32 x 3,0		50

23300

AUG 490

MultiFit®-Flex ISO system pipe, in coils



Article No.	Dimension	Bag	Box*
12330016	16 x 2,0		50
12330020	20 x 2,0		50

23100

AUG 490

MultiFit®-Flex, system pipe, multi-layer composite pipe for potable water and heating installation, in 5 m lengths



Article No.	Dimension	Bag	Box*
12310016	16 x 2,0		50
12310020	20 x 2,0		45
12310026	26 x 3,0		120
12310032	32 x 3,0		20
12310040	40 x 3,5		15
12310050	50 x 4,0		15
12310063	63 x 4,5		5

23300

AUG 490

MultiFit®-Flex ISO system pipe, in coils, 9 mm insulation



Article No.	Dimension	Bag	Box*
12330026	26 mm x 3.0		25

23310

AUG 490

MultiFit®-Flex ISO system pipe, in rods, 9 mm insulation



Article No.	Dimension	Bag	Box*
12331032	32 mm x 3.0		o. r.

23200B

AUG 490

MultiFit®-Flex protect system pipe, in protective pipe, in coils, blue



Article No.	Dimension	Bag	Box*
12320016B	16 x 2,0		75
12320020B	20 x 2,0		75

23300.13

AUG 490

MultiFit®-Flex ISO system pipe, in coils, 13 mm insulation



Article No.	Dimension	Bag	Box*
12330016.13	16 mm x 2.0		o. r.
12330020.13	20 mm x 2.0		o. r.
12330026.13	26 mm x 3.0		o. r.

23200R

AUG 490

MultiFit®-Flex protect system pipe, in protective pipe, in coils, red



Article No.	Dimension	Bag	Box*
12320016R	16 x 2,0		75
12320020R	20 x 2,0		75

23310.13

AUG 490

MultiFit®-Flex ISO system pipe, in rods, 13 mm insulation



Article No.	Dimension	Bag	Box*
12331032.13	32 mm x 3.0		o. r.

Product catalogue | 2018 | (Series 25000 and 35000)

23400

AUG 491

MultiFit®-PEX, plastic system pipe, oxygen-tight according to DIN 4726, for heating installation, in coils



Article No.	Dimension	Bag	Box*
12340016	16 x 2,0		200
12340020	20 x 2,0		100

23400KB

AUG 492

MultiFit®-PEX system pipe, with velcro for floor heating systems



Article No.	Dimension	Bag	Box*
123400KB16	16 x 2,0		o.r.

23500

AUG 492

MultiFit®-PE-RT system pipe, for floor heating systems, in coils



Article No.	Dimension	Bag	Box*
12350016	16 x 2,0		400

23500KB

AUG 492

MultiFit®-PE-RT system pipe, with velcro, for floor heating



Article No.	Dimension	Bag	Box*
123500KB16	16 x 2,0		o.r.

25003

AUG 017

3fit-Press pb-free Bend 90° with plain ends



Article No.	Dimension	Bag	Box
32500316300	15/16 x 300	2	60

25090

AUG 017

Elbow 90°, male/male plain end



Article No.	Dimension	Bag	Box
32509016	16	10	120
32509020	20	10	70
32509026	26	5	40
32509032	32	5	30
32509040	40	5	15
32509050	50	2	8
32509063	63	2	6

25090G

AUG 017

Elbow 90°, with male plain end and female thread



Article No.	Dimension	Bag	Box
325090G1612	16 x 1/2	10	140
325090G2012	20 x 1/2	10	100
325090G2034	20 x 3/4	10	100
325090G2634	26 x 3/4	5	40
325090G261	26 x 1	5	30
325090G321	32 x 1	5	30

25092G

AUG 017

Elbow 90°, with male plain end and male thread



Article No.	Dimension	Bag	Box
325092G1612	16 x 1/2	10	120
325092G2012	20 x 1/2	10	100
325092G2034	20 x 3/4	10	80
325092G2634	26 x 3/4	5	40
325092G261	26 x 1	5	30
325092G321	32 x 1	5	30

Product catalogue | 2018 | (Series 25000 and 35000)

25130

AUG 017

Tee, male plain ends



Article No.	Dimension	Bag	Box
32513016	16	10	60
32513020	20	10	40
32513026	26	5	20
32513032	32	5	20
32513040	40	5	10
32513050	50	2	6
32513063	63	2	4
325130162016	16 x 20 x 16	10	50
325130201616	20 x 16 x 16	10	50
325130201620	20 x 16 x 20	10	40
325130202016	20 x 20 x 16	10	40
325130202620	20 x 26 x 20	5	30
325130261626	26 x 16 x 26	5	30
325130262020	26 x 20 x 20	5	30
325130262026	26 x 20 x 26	5	30
325130262616	26 x 26 x 16	5	30
325130262620	26 x 26 x 20	5	30
325130321632	32 x 16 x 32	5	20
325130322032	32 x 20 x 32	5	20
325130322632	32 x 26 x 32	5	20
325130402640	40 x 26 x 40	5	10
325130403232	40 x 32 x 32	5	15
325130403240	40 x 32 x 40	5	10
325130502650	50 x 26 x 50	2	8
325130504050	50 x 40 x 50	2	8
325130634063	63 x 40 x 63	2	4

25130G

AUG 017

Tee, with male plain end and female thread



Article No.	Dimension	Bag	Box
325130G1612	16 x 1/2	10	50
325130G2012	20 x 1/2	10	40
325130G2612	26 x 1/2	5	30
325130G2634	26 x 3/4	5	25
325130G3234	32 x 3/4	5	20
325130G321	32 x 1	5	20
325130G4034	40 x 3/4	5	10
325130G501	50 x 1	2	8
325130G50114	50 x 1 1/4	2	6

25131

AUG 017

Radiator connection tee



Article No.	Dimension	Bag	Box
32513116300	16 x 15-300 x 16	5	50
32513120300	20 x 15-300 x 20	5	50

25240

AUG 017

Reducing coupling, male/male plain end



Article No.	Dimension	Bag	Box
3252402016	20 x 16	10	140
3252402616	26 x 16	5	90
3252402620	26 x 20	5	70
3252403220	32 x 20	5	50
3252403226	32 x 26	5	40
3252404026	40 x 26	5	30
3252404032	40 x 32	5	30
3252405032	50 x 32	2	16
3252405040	50 x 40	2	16
3252406340	63 x 40	2	10
3252406350	63 x 50	2	10

25243G

AUG 017

Male adaptor, with male plain end and male thread



Article No.	Dimension	Bag	Box
325243G1638	16 x 3/8	10	150
325243G1612	16 x 1/2	10	140
325243G1634	16 x 3/4	10	120
325243G2012	20 x 1/2	10	140
325243G2034	20 x 3/4	10	120
325243G2634	26 x 3/4	5	80
325243G261	26 x 1	5	60
325243G321	32 x 1	5	40
325243G32114	32 x 1 1/4	5	30
325243G40114	40 x 1 1/4	5	30
325243G50112	50 x 1 1/2	2	16
325243G632	63 x 2	2	10

Product catalogue | 2018 | (Series 25000 and 35000)

25270

AUG 017

Coupling, male/male plain end



Article No.	Dimension	Bag	Box	
32527016	16	10	150	
32527020	20	10	100	
32527026	26	5	50	
32527032	32	5	40	
32527040	40	5	20	
32527050	50	2	12	
32527063	63	2	8	

25272

AUG 017

3fit-Press pb-free Adaptor to PURAPRESS



Article No.	Dimension	Bag	Box	
3252721612	16 x 12	10	o. r.	
3252721615	16 x 15	10	o. r.	
3252721618	16 x 18	10	200	
3252722018	20 x 18	10	120	
3252722022	20 x 22	10	60	
3252722622	26 x 22	5	60	
3252722628	26 x 28	5	o. r.	

25270G

AUG 017

Transition coupling, with male plain end and female thread



Article No.	Dimension	Bag	Box	
325270G1612	16 x 1/2	10	120	
325270G2012	20 x 1/2	10	120	
325270G2034	20 x 3/4	10	90	
325270G2634	26 x 3/4	5	70	
325270G261	26 x 1	5	60	
325270G321	32 x 1	5	50	

25290

AUG 017

Plug, with male plain end



Article No.	Dimension	Bag	Box	
32529016	16	10	250	
32529020	20	10	200	
32529026	26	5	100	
32529032	32	5	60	

25271

AUG 017

Transition coupling, copper



Article No.	Dimension	Bag	Box	
3252711612	16 x 12	10	150	
3252711615	16 x 15	10	120	
3252711618	16 x 18	10	200	
3252712018	20 x 18	10	120	
3252712022	20 x 22	10	60	
3252712622	26 x 22	5	50	
3252712628	26 x 28	5	50	

25359G

AUG 017

Union adaptor, flat sealing, male plain end



Article No.	Dimension	Bag	Box	
325359G1612	16 x 1/2	10	150	
325359G1634	16 x 3/4	10	120	
325359G2012	20 x 1/2	10	100	
325359G2034	20 x 3/4	10	120	
325359G261	26 x 1	5	70	
325359G32114	32 x 1 1/4	5	50	
325359G40112	40 x 1 1/2	5	30	

Product catalogue | 2018 | (Series 25000 and 35000)

25473G

AUG 017

Wall plate, with male plain end and female thread



Article No.	Dimension	Bag	Box
325473G1612	16 x 1/2	10	50
325473G2012	20 x 1/2	10	50
325473G2034	20 x 3/4	5	40
325473G2634	26 x 3/4	5	40

25478G

AUG 017

Wall plate, double, with flange



Article No.	Dimension	Bag	Box
325478G161216	16 x 1/2 x 16	10	30
325478G201220	20 x 1/2 x 20	10	30

25478GZ

AUG 017

Installation set, lead-free, for hygienic installation, male ends and female thread



Article No.	Dimension	Bag	Box
325478GZ161216	16 x 1/2 x 16	1	15
325478GZ161220	16 x 1/2 x 20	1	15
325478GZ201216	20 x 1/2 x 16	1	15
325478GZ201220	20 x 1/2 x 20	1	15

8983

AUG 556

Insulation for CuSi wall plates



Article No.	Dimension	Bag	Box
88983		6	30

8986

AUG 556

Sound insulation for wall plates 25473G



Article No.	Dimension	Bag	Box
88986	16 x 1/2 + 20 x 1/2	6	30

25580.1

AUG 017

Cross tee, for mixture-free crossing of pipes keeping minimum installation heights



Article No.	Dimension	Bag	Box
325580116	16	1	20
3255801201616	20 x 16 x 16	1	20
3255801201620	20 x 16 x 20	1	15

25980G

AUG 017

Installation set, lead-free, for hygienic installation, male ends and male thread



Article No.	Dimension	Bag	Box
325980G1612	16 x 1/2	1	10
325980G2012	20 x 1/2	1	10

25981G

AUG 017

Installation set, lead-free, for hygienic installation, double wall plate, male ends and male thread



Article No.	Dimension	Bag	Box
325981G161216	16 x 1/2 x 16	1	o. r.
325981G161220	16 x 1/2 x 20	1	o. r.
325981G201216	20 x 1/2 x 16	1	o. r.
325981G201220	20 x 1/2 x 20	1	o. r.

35090

AUG 022

Elbow 90°, male/male plain end, PPSU



Article No.	Dimension	Bag	Box
13509016	16	10	90
13509020	20	10	70
13509026	26	5	30
13509032	32	5	25

Product catalogue | 2018 | (Series 25000 and 35000)

35130

AUG 022

Tee, male plain ends, PPSU



Article No.	Dimension	Bag	Box
13513016	16	10	60
13513020	20	10	40
13513026	26	5	20
13513032	32	5	15
135130162016	16 x 20 x 16	10	40
135130201616	20 x 16 x 16	10	50
135130201620	20 x 16 x 20	10	40
135130202016	20 x 20 x 16	10	40
135130261626	26 x 16 x 26	5	25
135130262020	26 x 20 x 20	5	30
135130262026	26 x 20 x 26	5	20
135130321632	32 x 16 x 32	5	20
135130322032	32 x 20 x 32	5	20

35240

AUG 022

Reducing coupling, male/male plain end, PPSU



Article No.	Dimension	Bag	Box
1352402016	20 x 16	10	100
1352402616	26 x 16	5	65
1352402620	26 x 20	5	50
1352403226	32 x 26	5	40

35270

AUG 022

Coupling, male/male plain end, PPSU



Article No.	Dimension	Bag	Box
13527016	16	10	100
13527020	20	10	80
13527026	26	5	50
13527032	32	5	30

23831

AUG 506

Assembly rail for MultiFit-Flex pipes



Article No.	Dimension	Bag	Box
7238311621	16 mm x 2,1 m	o. r.	o. r.

912

AUG 031

Installation set for concealed cistern elbow no 23091UP and lightweight walls, comprising one hexagon brass nut and 2 seals



Article No.	Dimension	Bag	Box
291234	3/4	1	180

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
8981		1	30



PIPING SYSTEMS | Plastic

3fit®-Push

(Series 23000)



3fit®-Push

Series 23000

Practical system push fittings with safe and innovative lock function from copper alloys for use in a system with SANHA MultiFit®-Flex and MultiFit®-PEX multi layer plastic tubes for hygienic drinking water and reliable heating installations.

Due to their sophisticated construction, SANHA system push fittings offer an especially safe and durable connection and are just as tight as press fittings. The push connection is easy to make and has the distinct advantage that no tools are required. In this way, using 3fit®-Push fittings incurs no cost for buying, repairing or maintenance of press machines.

3fit®-Push system fittings are ideally suited in narrow spaces where it might be difficult to press fittings with jaws or slings such as during the renovation of buildings.

Operating conditions 3fit®-Push with MultiFit®-Flex multi-layered plastic pipes ≤ 20 mm

Operating temperature	Operating pressure
Water and aqueous solutions	
+25°C	16 bar
+50°C	13 bar
+70°C	10 bar
Operating temperature of the 3fit®-Push system (fitting with black EPDM sealing ring)	-30 °C – +70°C
Type of thread: Pipe thread: R/Rp thread according EN 10226, Fastening thread: G thread according to ISO 228	

Features

- **Rapid and flexible installation by simple push-fit**
- **Optimum solution in terms of corrosion resistance due to its excellent dezincification resistance, no tension-crack corrosion**
- **Extremely clean surface of the fittings for even higher corrosion resistance and hygiene**
- **Permanent non-demountable connection exclusively with**
 - Multifit®-Flex multi-layer composite pipes (PE-RT/Al/PE-RT) with hygienic inner layer, hermetically sealed aluminium layer to prevent oxygen diffusion into the system and a robust outer casing.
 - Multifit®-PEX multi-layer composite pipes (PE-Xc); oxygen-impermeable 5-layer pipes with a special plastic oxygen-barrier film (EVOH; not for drinking water)
- **Transition fittings according to EN 10226 and ISO7/1 R and Rp type**

Areas of application

Drinking water	Heating	Rainwater
Closed cooling circuits		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 23000)

23000

AUG 490

MultiFit®-Flex, system pipe, multi-layer composite pipe for potable water and heating installation, in coils



Article No.	Dimension	Bag	Box*
12300016	16 x 2,0		200
12300016100	16 x 2,0		100
12300020	20 x 2,0		100
12300026	26 x 3,0		50
12300032	32 x 3,0		50

23100

AUG 490

MultiFit®-Flex, system pipe, multi-layer composite pipe for potable water and heating installation, in 5 m lengths



Article No.	Dimension	Bag	Box*
12310016	16 x 2,0		50
12310020	20 x 2,0		45
12310026	26 x 3,0		120
12310032	32 x 3,0		20
12310040	40 x 3,5		15
12310050	50 x 4,0		15
12310063	63 x 4,5		5

23200B

AUG 490

MultiFit®-Flex protect system pipe, in protective pipe, in coils, blue



Article No.	Dimension	Bag	Box*
12320016B	16 x 2,0		75
12320020B	20 x 2,0		75

23200R

AUG 490

MultiFit®-Flex protect system pipe, in protective pipe, in coils, red



Article No.	Dimension	Bag	Box*
12320016R	16 x 2,0		75
12320020R	20 x 2,0		75

23300

AUG 490

MultiFit®-Flex ISO system pipe, in coils



Article No.	Dimension	Bag	Box*
12330016	16 x 2,0		50
12330020	20 x 2,0		50

23300

AUG 490

MultiFit®-Flex ISO system pipe, in coils, 9 mm insulation



Article No.	Dimension	Bag	Box*
12330026	26 mm x 3.0		25

23310

AUG 490

MultiFit®-Flex ISO system pipe, in rods, 9 mm insulation



Article No.	Dimension	Bag	Box*
12331032	32 mm x 3.0		o. r.

23300.13

AUG 490

MultiFit®-Flex ISO system pipe, in coils, 13 mm insulation



Article No.	Dimension	Bag	Box*
12330016.13	16 mm x 2.0		o. r.
12330020.13	20 mm x 2.0		o. r.
12330026.13	26 mm x 3.0		o. r.

23310.13

AUG 490

MultiFit®-Flex ISO system pipe, in rods, 13 mm insulation



Article No.	Dimension	Bag	Box*
12331032.13	32 mm x 3.0		o. r.

Product catalogue | 2018 | (Series 23000)

23400

AUG 491

MultiFit-PEX, plastic system pipe, oxygen-tight according to DIN 4726, for heating installation, in coils



Article No.	Dimension	Bag	Box*
12340016	16 x 2,0		200
12340020	20 x 2,0		100

23400KB

AUG 492

MultiFit®-PEX system pipe, with velcro for floor heating systems



Article No.	Dimension	Bag	Box*
123400KB16	16 x 2,0		o.r.

23500

AUG 492

MultiFit®-PE-RT system pipe, for floor heating systems, in coils



Article No.	Dimension	Bag	Box*
12350016	16 x 2,0		400

23500KB

AUG 492

MultiFit®-PE-RT system pipe, with velcro, for floor heating



Article No.	Dimension	Bag	Box*
123500KB16	16 x 2,0		o.r.

23090

AUG 031

Elbow 90°, plug-in ends



Article No.	Dimension	Bag	Box
12309016	16	1	5
12309020	20	1	5

23090G

AUG 031

Elbow 90°, plug-in end and female thread



Article No.	Dimension	Bag	Box
123090g1612	16 x 1/2	1	5
123090g2012	20 x 1/2	1	5
123090g2034	20 x 3/4	1	5

23092G

AUG 031

Elbow 90°, plug-in end and male thread



Article No.	Dimension	Bag	Box
123092g1612	16 x 1/2	1	5
123092g2012	20 x 1/2	1	5
123092g2034	20 x 3/4	1	5

23130

AUG 031

Tee, plug-in ends



Article No.	Dimension	Bag	Box
12313016	16	1	5
12313020	20	1	5
123130201616	20 x 16 x 16	1	5
123130201620	20 x 16 x 20	1	5

23130G

AUG 031

Tee, with plug-in end and female thread



Article No.	Dimension	Bag	Box
123130g1612	16 x 1/2 x 16	1	5
123130g2012	20 x 1/2 x 20	1	5
123130g2034	20 x 3/4 x 20	1	5

Product catalogue | 2018 | (Series 23000)

23240

AUG 031

Reducing coupling, plug-in ends



Article No.	Dimension	Bag	Box
1232402016	20 x 16	1	5

23243G

AUG 031

Male adaptor, with plug-in end and male thread



Article No.	Dimension	Bag	Box
123243g1612	16 x 1/2	1	5
123243g2012	20 x 1/2	1	5
123243g2034	20 x 3/4	1	5

23245

AUG 031

Universal adaptor 3fit®, transition to metal pipes, with plug-in end and male plain end



Article No.	Dimension	Bag	Box
1232451516	15 x 16	1	5
1232451816	18 x 16	1	5
1232451820	18 x 20	1	5
1232452216	22 x 16	1	5
1232452220	22 x 20	1	5

23270

AUG 031

Coupling, plug-in ends



Article No.	Dimension	Bag	Box
12327016	16	1	5
12327020	20	1	5

23270G

AUG 031

Transition coupling, with plug-in end and female thread



Article No.	Dimension	Bag	Box
123270g1612	16 x 1/2	1	5
123270g2012	20 x 1/2	1	5
123270g2034	20 x 3/4	1	5

23301

AUG 031

Cap, female plug end



Article No.	Dimension	Bag	Box
12330116	16	1	5
12330120	20	1	5

23359G

AUG 031

Union adaptor, flat sealing, plug-in end



Article No.	Dimension	Bag	Box
123359g1612	16 x 1/2	1	5
123359g1634	16 x 3/4	1	5
123359g2012	20 x 1/2	1	5
123359g2034	20 x 3/4	1	5
123359g201	20 x 1	1	5

23473G

AUG 031

Wall plate, with plug-in end and female thread



Article No.	Dimension	Bag	Box
123473g1612	16 x 1/2	1	5
123473g2012	20 x 1/2	1	5
123473g2034	20 x 3/4	1	5

Product catalogue | 2018 | (Series 23000)

23478GZ

AUG 031

Double wall plate, with female end and female thread



Article No.	Dimension	Bag	Box
123478GZ161216	16 x 1/2 x 16	1	20
123478GZ161220	16 x 1/2 x 20	1	o. r.
123478GZ201216	20 x 1/2 x 16	1	o. r.
123478GZ201220	20 x 1/2 x 20	1	20

23131UP

AUG 031

3fit-Push Tee



Article No.	Dimension	Bag	Box
123131UP161216	16 x 1/2 x 3/4 x 16	1	5
123131UP201220	20 x 1/2 x 3/4 x 20	1	5

234APV

AUG 031

Radiator union, plug-in end and male thread, lockable and adjustable, angle form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
1234APV1612	16 x 1/2	1	5

235APV

AUG 031

Radiator union, plug-in end and male thread, lockable and adjustable, passage form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
1235APV1612	16 x 1/2	1	5

23091UP

AUG 031

Concealed cistern elbow, with plug-in end and male thread



Article No.	Dimension	Bag	Box
123091UP161218	16 x 1/2 (3/4 x 18)	1	5
123091UP161225	16 x 1/2 (3/4 x 25)	1	5
123091UP161235	16 x 1/2 (3/4 x 35)	1	5
123091UP161255	16 x 1/2 (3/4 x 55)	1	5
123091UP161265	16 x 1/2 (3/4 x 65)	1	4
123091UP2012	20 x 1/2	1	4

23980G

AUG 031

Installation set for wall flange



Article No.	Dimension	Bag	Box
123980G1612	16 x 1/2	1	
123980G2012	20 x 1/2	1	

23981G

AUG 031

Installation set for double wall flange



Article No.	Dimension	Bag	Box
123981G161216	16 x 1/2 x 16	1	
123981G161220	16 x 1/2 x 20	1	
123981G201216	20 x 1/2 x 16	1	
123981G201220	20 x 1/2 x 20	1	

23831

AUG 506

Assembly rail for MultiFit-Flex pipes



Article No.	Dimension	Bag	Box
7238311621	16 mm x 2,1 m	o. r.	o. r.

Product catalogue | 2018 | (Series 23000)

912

AUG 031

Installation set for concealed cistern elbow no 23091UP and lightweight walls, comprising one hexagon brass nut and 2 seals



Article No.	Dimension	Bag	Box
291234	3/4	1	180

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30



PIPING SYSTEMS

TOOLS AND ACCESSORIES

SANHA Tools

A Full Warranty, for a secure connection - so that you're on the safe side!

SANHA is the only manufacturer of press systems who offers a system warranty irrespective of the pressing tool subject to the following requirements.

The pressing tool must be maintained in accordance with the manufacturers guidelines.

Compact/small pressing machines (up to and including 28mm), must be able to deliver a minimum pressing force of 18kN and have a "pin" dimension of 10mm.

Conventional pressing machines, up to 108mm, must be able to deliver a minimum pressing force of 30kN, and have a pin dimension of 14 mm.

For metallic fittings up to and including 54mm, using jaws and slings for press connections, must use the original press profile, SA, M or V.

For metallic fittings above 54mm, slings used for the press connections must use the original press profile, SA or M

For original "3fit-press" fittings for your plastic system, the TH profile should be used. For our new "3fit-press Pb-Free/PPSU" the following press jaws can be used, TH, B, F H and U.

- The SANHA installation process must be followed, please see our installation guide for instructions.
- When using press tools, manufacturers instructions must be used with particular regard to the combination of components (jaws/tools) from different sources.
- The combination of different manufactured press tools, may only be used with express permission of system designer.
- For special applications such as Fire extinguisher systems, the SANHA tool compatability does not apply, as here, only high pressure tools may be used.
- If you require further information, please contact our technical department.

For general applications please refer to our installation guide, or request installation training from one of our experienced trainers.

6925

AUG 551



Crimping tool EFP 203, with case, without press jaws

Article No.	Dimension	Bag	Box
16925		o. r.	o. r.

6900

AUG 551



Electronic pressing tool ECO 301, with case, without press jaws

Article No.	Dimension	Bag	Box
16900			1

6908.2

AUG 551



Pressing tool ACO 401, rechargeable battery 3 Ah, with case, without press jaws

Article No.	Dimension	Bag	Box
169082			1

6958

AUG 552



SANHA standard press jaw, lose, for pressing tools EFP 202, ECO 202, ACO 202

Article No.	Dimension	Bag	Box
1695812	12	1	4
1695814	14	1	4
1695815	15	1	4
1695816	16	1	4
1695818	18	1	4
1695822	22	1	4
1695828	28	1	4
1695835	35	1	4

6932-SO

AUG 552



SANHA Snap-On press sling (SO), loose, for pressing tools EFP 202, ECO 202, ACO 202

Article No.	Dimension	Bag	Box
1693242SO	42	1	2
1693254SO	54	1	2

6945

AUG 552



SANHA press jaw with TH-profile for 3fit-Press system, for pressing tools EFP 202, ECO 202, ACO 202

Article No.	Dimension	Bag	Box
1694514	14	o. r.	o. r.
1694516	16	o. r.	o. r.
1694520	20	o. r.	o. r.
1694526	26	o. r.	o. r.
1694532	32	o. r.	o. r.
1694540	40	o. r.	o. r.

6954-SO

AUG 552



SANHA set of crimping clasps SNAP-ON

Article No.	Dimension	Bag	Box
16954SO	42 + 54 mm	o. r.	o. r.

6935-SO

AUG 552



SANHA press sling Snap-On (SO) with TH-profile for 3fit-Press system, for pressing tools EFP 202, ECO 202, ACO 202

Article No.	Dimension	Bag	Box
16935S040	40	1	2
16935S050	50	1	2
16935S063	63	1	2

Product catalogue | 2018 | Tools and accessories

6930.1

AUG 552

SANHA intermediate jaw for press sling no. 6932-SO and 6935-SO, for pressing tools EFP 202, ECO 202, ACO 202



Article No.	Dimension	Bag	Box
169301		1	2

6931.4

AUG 552

SANHA intermediate jaw, size 1, for pressing tool ECO 301, SO press slings 42, 54, 64, 66.7 mm



Article No.	Dimension	Bag	Box
169314	42, 54		1

6932-HP

AUG 552

SANHA high-pressure press sling for pressing tool ACO 202 - 3 Ah, loose



Article No.	Dimension	Bag	Box
1693228HP	28		1
1693235HP	35		1
1693242HP	42		1
1693254HP	54		1

6931.5

AUG 552

SANHA intermediate jaw, size 2, for pressing tool ECO 301, SO press slings 76.1, 88.9, 18 mm (first crimping)



Article No.	Dimension	Bag	Box
169315	SO (64, 66.7, 76.1, 88.9+108,0)		1

6920

AUG 552

SANHA press jaw for pressing tool ECO 301, loose



Article No.	Dimension	Bag	Box
1692012	12	1	2
1692014	14	1	2
1692015	15	1	2
1692016	16	1	2
1692018	18	1	2
1692022	22	1	2
1692028	28	1	2
1692035	35	1	2

6931.6

AUG 552

SANHA intermediate jaw, size 3, for pressing tool ECO 301, SO press sling 18 mm (second crimping)



Article No.	Dimension	Bag	Box
169316	108		1

6933-SO

AUG 552

SANHA Snap-On press sling (SO) for pressing tool ECO 301, loose



Article No.	Dimension	Bag	Box
16933S064	64		2
16933S067	66,7		1
16933S076	76,1		1
16933S089	88,9		1
16933S0108	108,0		1

6924

AUG 551

Battery pressing tool ACO 203, Accu, case



Article No.	Dimension	Bag	Box
16924		o. r.	o. r.

6933-HP

AUG 552

SANHA high-pressure press sling for pressing tool ACO 401 - 3 Ah, loose



Article No.	Dimension	Bag	Box
1693376HP	76,1		1
1693389HP	88,9		1
16933108HP	108,0		1

6906-18V

AUG 551

Rechargeable battery 1.5 Ah for pressing tool ACO 202, 18 V



Article No.	Dimension	Bag	Box
1690618V	18V		1

6906-18V.1

AUG 551

Rechargeable battery 3 Ah for pressing tool ACO 202, 18 V



Article No.	Dimension	Bag	Box
1690618V1	18V		1

6907

AUG 551

Battery charger for rechargeable battery no. 6906



Article No.	Dimension	Bag	Box
16907			1

6912

AUG 530

SANHA case, empty, for 6 service plus press jaws, 12-35 mm



Article No.	Dimension	Bag	Box
16912			1

6911.4

AUG 530

Case, loose, for press slings 42 and 54 mm no. 6933SO and intermediate jaw no. 6931.4, for pressing tool ECO 301



Article No.	Dimension	Bag	Box
169114	6932SO (42+54), 6930.1, 6931.4		1

6911.5

AUG 530

Case, loose, for press slings 76 and 89 mm no. 6933SO and intermediate jaw no. 6931.5, for pressing tool ECO 301



Article No.	Dimension	Bag	Box
169115	6933SO (76,1+88,9), 6931.5		1

6911.6

AUG 530

Case, loose, for press slings 18 mm no. 6933SO and intermediate jaws no. 6931.5 and 6931.6, for pressing tool ECO 301



Article No.	Dimension	Bag	Box
169116	6933SO (108), 6931.5, 6931.6		1

6911-HP

AUG 530

Case for SANHA high-pressure pressing slings 28-54 mm and intermediate jaw no. 6930



Article No.	Dimension	Bag	Box
16911HP			1

4992

AUG 556

Tool for marking of insertion depth for NiroSan® / NiroTherm®, with pen holder and magnet, 15 - 108 mm



Article No.	Dimension	Bag	Box
84992	15 - 108 mm	1	40

4993

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS®, 12 - 108 mm, with pen holder and magnet



Article No.	Dimension	Bag	Box
84993	12 - 108 mm	1	40

Product catalogue | 2018 | Tools and accessories

4980

AUG 556

Plastic measuring tool with bottle opener for marking the insertion depth for SANHA®-Press, SANHA®-Therm and PURAPRESS, 12 - 54 mm



Article No.	Dimension	Bag	Box	
84980	12-54 mm		30	6,79

4981

AUG 556

Plastic measuring tool for marking the insertion depth for NiroSan® with bottle opener and spirit level, 15 - 54 mm



Article No.	Dimension	Bag	Box	
84981	15 - 54 mm		30	6,79

4989

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and NiroSan® with bottle opener and spirit level, 64 mm and 67 mm



Article No.	Dimension	Bag	Box	
84989	64 + 67 mm		250	10,23

4990

AUG 556

Plastic measuring tool for marking the insertion depth for SANHA®-Press, SANHA®-Therm and NiroSan® with bottle opener and spirit level, 76.1 - 108 mm



Article No.	Dimension	Bag	Box	
84990	76,1 - 108 mm		20	9,29

4975

AUG 553

Pipe cutter for stainless steel and copper pipes



Article No.	Dimension	Bag	Box	
84975	3-28		40	

4977

AUG 553

Pipe cutter for copper pipes



Article No.	Dimension	Bag	Box	
84977	3-35		12	

4971

AUG 553

Cutting wheel for pipe cutter 4975, 4977, 4978



Article No.	Dimension	Bag	Box	
84971543	4-35		1000	
84971541	13-65		120	

4985

AUG 553

Pipe cutter for stainless steel and copper pipes



Article No.	Dimension	Bag	Box	
84985	6-64		5	

4996.1

AUG 553

Cutting tool for cutting MultiFit®-Flex and MultiFit®-PEX system pipes to size, 16-20 mm



Article No.	Dimension	Bag	Box	
84996.1	16 - 20		12	

4996.2

AUG 553

Cutting tool for cutting MultiFit®-Flex and MultiFit®-PEX system pipes to size, 26-32 mm



Article No.	Dimension	Bag	Box	
84996.2	26 - 32			

Product catalogue | 2018 | Tools and accessories

4996E

AUG 553

Replacement blade for cutter no. 4996.1 and 4996.2



Article No.	Dimension	Bag	Box
84996.1E	16 - 20	o. r.	o. r.
84996.2E	26 - 32	o. r.	o. r.

4995

AUG 556

Calibration tool for MultiFit®-Flex and MultiFit®-PEX system pipes, WITHOUT leak path feature for 3fit-Press and 3fit-Push systems



Article No.	Dimension	Bag	Box
8499514	14	o. r.	o. r.
8499516	16	o. r.	15
8499520	20	o. r.	15
8499526	26	o. r.	o. r.
8499532	32	o. r.	o. r.

4995.1

AUG 556

Calibrator for MultiFit®-Flex (3fit-Press)

Article No.	Dimension	Bag	Box
8499516.1	16	o. r.	15
8499520.1	20	o. r.	15
8499526.1	26	o. r.	o. r.
8499532.1	32	o. r.	o. r.
8499540.1	40	o. r.	o. r.
8499550.1	50	o. r.	o. r.
8499563.1	63	o. r.	o. r.

4998

AUG 553

Tool for the exchange of sealings

Article No.	Dimension	Bag	Box
84998		100	1000

4999

AUG 556

Calibrator for MultiFit®-Flex (3fit®-Press)



Article No.	Dimension	Bag	Box
84999	16 / 20 / 26	1	70

8983

AUG 553

Insulation for CuSi wall plates



Article No.	Dimension	Bag	Box
88983		6	30

8984

AUG 553

Universal insulation plate for mounting on wall plates no. 8472G, 8473G and 9472G, also suitable for installation set



Article No.	Dimension	Bag	Box
88984		6	30



WASTE WATER SYSTEM

Master 3

(Series M3)

SANHA MASTER 3 - Waste water system

Sound-insulating waste system from SANHA

The exclusive MASTER 3 sound-insulating waste system from SANHA consists of high-quality three-layer pipes and modern fittings. The waste pipes are constructed with three perfectly matched layers that work together to meet all the demands that a waste system is subjected to in the construction of a modern house, apartment and industrial building. Each layer optimises the properties of the pipe: The smooth inner layer prevents encrustations and is partly responsible for the good sound insulation properties.

The solid middle layer is extremely robust and the terracotta outer layer provides excellent impact resistance even at low temperatures. The sealing ring consists of styrene-butadiene rubber (SBR).

Various application possibilities

MASTER 3 waste pipes and fittings are used primarily as hot water-resistant waste pipes for domestic and industrial grey, black, and rain water:

- Single and collecting connection lines, Downpipes, Collecting pipelines,
- Bypass lines,
- Ventilation pipes,
- Internal rainwater pipes,
- Central vacuum cleaning systems,
- Residential ventilation systems

Excellent sound insulation

The technical sound-insulation properties of the MASTER 3 waste system by SANHA have been tested by the Fraunhofer Institute in accordance with DIN EN14366 and it meets all the requirements of DIN 4109 for sound insulation. The installation noise level is between <10 and 23 db(A)*.

Proven fire barrier

With MASTER 3, SANHA provides a domestic waste system, as a stand-alone system or in combination with other SANHA pipeline systems, which complies with standards and offers a practical solution for all standard applications in building technology with regard to fire protection. We recommend the tested and approved DOYMA Curaflam ECO Pro fire protection cuff, which also allows zero clearance installation, as a fire barrier.**

Sound level dB [A] according to EN 14366, Fraunhofer Institute

	Volume flow (L/sec)			
	0,5	1,0	2,0	4,0
MASTER 3 with Bismat 1000 insulation brackets (SL 125/SX 100*)	<10	10	14	18
MASTER 3 with Bismat 2000 insulation brackets and rubber inlay	<10	13	17	21
MASTER 3 with Master 3 insulation brackets	11	16	18	23

* Flow rate of 0.5 or 4 l/s

** Detailed information can be found in the general building approval (abZ), Approval number MASTER 3: Z-42.1 - 481, Approval number DOYMA Curaflam ECO Pro: Z-19.17-1989 or the technical documentation at www.doyma.de

Please refer to the technical documentation and installation instructions.

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series M3)

M3-100

AUG 032

Acoustic Pipe



Article No.	Dimension	Bag	Box
8M310032150	DN 30 / OD 32 / L=150mm	20	2000
8M310032250	DN 30 / OD 32 / L=250mm	20	1500
8M310032500	DN 30 / OD 32 / L=500mm	20	1000
8M3100321000	DN 30 / OD 32 / L=1000mm	20	500
8M3100321500	DN 30 / OD 32 / L=1500mm	20	500
8M3100322000	DN 30 / OD 32 / L=2000mm	20	500
8M310040150	DN 40 / OD 40 / L=150mm	20	1500
8M310040250	DN 40 / OD 40 / L=250mm	20	1100
8M310040500	DN 40 / OD 40 / L=500mm	20	700
8M3100401000	DN 40 / OD 40 / L=1000mm	20	400
8M3100401500	DN 40 / OD 40 / L=1500mm	20	400
8M3100402000	DN 40 / OD 40 / L=2000mm	20	400
8M310050150	DN 50 / OD 50 / L=150mm	20	1120
8M310050250	DN 50 / OD 50 / L=250mm	20	800
8M310050500	DN 50 / OD 50 / L=500mm	20	480
8M3100501000	DN 50 / OD 50 / L=1000mm	20	240
8M3100501500	DN 50 / OD 50 / L=1500mm	20	240
8M3100502000	DN 50 / OD 50 / L=2000mm	20	240
8M310075150	DN 70 / OD 75 / L=150mm	20	480
8M310075250	DN 70 / OD 75 / L=250mm	20	360
8M310075500	DN 70 / OD 75 / L=500mm	20	240
8M3100751000	DN 70 / OD 75 / L=1000mm	10	120
8M3100751500	DN 70 / OD 75 / L=1500mm	10	120
8M3100752000	DN 70 / OD 75 / L=2000mm	10	120
8M3100752650	DN 70 / OD 75 / L=2650mm	10	120
8M310090150	DN 90 / OD 90 / L=150mm	10	240
8M310090250	DN 90 / OD 90 / L=250mm	10	180
8M310090500	DN 90 / OD 90 / L=500mm	10	120
8M3100901000	DN 90 / OD 90 / L=1000mm	7	77
8M3100901500	DN 90 / OD 90 / L=1500mm	7	77
8M3100902000	DN 90 / OD 90 / L=2000mm	7	77
8M3100902650	DN 90 / OD 90 / L=2650mm	7	77
8M3100110150	DN 100 / OD 110 / L=150mm	10	240
8M3100110250	DN 100 / OD 110 / L=250mm	10	180
8M3100110500	DN 100 / OD 110 / L=500mm	10	120
8M31001101000	DN 100 / OD 110 / L=1000mm	5	55
8M31001101500	DN 100 / OD 110 / L=1500mm	5	55
8M31001102000	DN 100 / OD 110 / L=2000mm	5	55
8M31001102650	DN 100 / OD 110 / L=2650mm	5	55
8M3100125150	DN 125 / OD 125 / L=150mm	12	96

M3-100

AUG 032

Acoustic Pipe



Article No.	Dimension	Bag	Box
8M3100125250	DN 125 / OD 125 / L=250mm	5	120
8M3100125500	DN 125 / OD 125 / L=500mm	5	70
8M31001251000	DN 125 / OD 125 / L=1000mm	3	39
8M31001251500	DN 125 / OD 125 / L=1500mm	3	39
8M31001252000	DN 125 / OD 125 / L=2000mm	3	39
8M31001252650	DN 125 / OD 125 / L=2650mm	3	39
8M3100160150	DN 150 / OD 160 / L=150mm	6	48
8M3100160250	DN 150 / OD 160 / L=250mm	4	32
8M3100160500	DN 150 / OD 160 / L=500mm	3	48
8M31001601000	DN 150 / OD 160 / L=1000mm	3	24
8M31001601500	DN 150 / OD 160 / L=1500mm	3	24
8M31001602000	DN 150 / OD 160 / L=2000mm	3	24
8M31001602650	DN 150 / OD 160 / L=2650mm	3	24
8M31002001000	DN 200 / OD 200 / L= 1000	o. r.	o. r.
8M31002003000	DN 200 / OD 200 / L= 3000	o. r.	o. r.
8M31002006000	DN 200 / OD 200 / L= 6000	o. r.	o. r.

M3-015

AUG 032

Bend 15° F/M



Article No.	Dimension	Bag	Box
8M301532	DN 30 / OD 32	70	o. r.
8M301540	DN 40 / OD 40	20	1920
8M301550	DN 50 / OD 50	20	1200
8M301575	DN 70 / OD 75	20	640
8M301590	DN 90 / OD 90	20	480
8M3015110	DN 100 / OD 110	20	240
8M3015125	DN 125 / OD 125	20	160
8M3015160	DN 150 / OD 160	10	80
8M3015200	DN 200 / OD 200	o. r.	o. r.

Product catalogue | 2018 | (Series M3)

M3-030

AUG 032

Bend 30° F/M



Article No.	Dimension	Bag	Box
8M303032	DN 30 / OD 32	70	o. r.
8M303040	DN 40 / OD 40	20	1920
8M303050	DN 50 / OD 50	20	1200
8M303075	DN 70 / OD 75	20	480
8M303090	DN 90 / OD 90	20	480
8M3030110	DN 100 / OD 110	20	240
8M3030125	DN 125 / OD 125	20	160
8M3030160	DN 150 / OD 160	10	80
8M3030200	DN 200 / OD 200	o. r.	o. r.

M3-087

AUG 032

Bend 87.5° F/M



Article No.	Dimension	Bag	Box
8M308732	DN 30 / OD 32	70	70
8M308740	DN 40 / OD 40	20	1200
8M308750	DN 50 / OD 50	20	1200
8M308775	DN 70 / OD 75	20	480
8M308790	DN 90 / OD 90	20	240
8M3087110	DN 100 / OD 110	20	160
8M3087125	DN 125 / OD 125	20	120
8M3087160	DN 150 / OD 160	10	60
8M3087200	DN 200 / OD 200	o. r.	o. r.

M3-045

AUG 032

Bend 45° F/M



Article No.	Dimension	Bag	Box
8M304532	DN 30 / OD 32	70	o. r.
8M304540	DN 40 / OD 40	20	1200
8M304550	DN 50 / OD 50	20	1200
8M304575	DN 70 / OD 75	20	480
8M304590	DN 90 / OD 90	20	480
8M3045110	DN 100 / OD 110	20	240
8M3045125	DN 125 / OD 125	20	160
8M3045160	DN 150 / OD 160	10	60
8M3045200	DN 200 / OD 200	o. r.	o. r.

M3-145E

AUG 032

Branch 45° F/F/M



Article No.	Dimension	Bag	Box
8M3145E3232	DN 30 x 30 / OD 32 x 32	70	o. r.
8M3145E4040	DN 40 x 40 / OD 40 x 40	20	640
8M3145E5040	DN 50 x 40 / OD 50 x 40	20	480
8M3145E5050	DN 50 x 50 / OD 50 x 50	20	480
8M3145E7550	DN 70 x 50 / OD 75 x 50	20	400
8M3145E7575	DN 70 x 70 / OD 75 x 75	20	240
8M3145E9050	DN 90 x 50 / OD 90 x 50	20	240
8M3145E9075	DN 90 x 70 / OD 90 x 75	20	240
8M3145E9090	DN 90 x 90 / OD 90 x 90	20	160
8M3145E11050	DN 100 x 50 / OD 110 x 50	20	160
8M3145E11075	DN 100 x 70 / OD 110 x 75	20	160
8M3145E110110	DN 100 x 100 / OD 110 x 110	20	120
8M3145E125110	DN 125 x 100 / OD 125 x 110	10	60
8M3145E125125	DN 125 x 125 / OD 125 x 125	10	60
8M3145E160110	DN 150 x 100 / OD 160 x 110	6	36
8M3145E160125	DN 150 x 125 / OD 160 x 125	6	36
8M3145E160160	DN 150 x 150 / OD 160 x 160	4	24
8M3145E200110	DN 200 x 100 / OD 200 x 110	o. r.	o. r.
8M3145E200160	DN 200 x 150 / OD 200 x 160	o. r.	o. r.
8M3145E200200	DN 200 x 200 / OD 200 x 200	o. r.	o. r.

M3-067

AUG 032

Bend 67.5° F/M



Article No.	Dimension	Bag	Box
8M306732	DN 30 / OD 32	70	o. r.
8M306740	DN 40 / OD 40	20	1200
8M306750	DN 50 / OD 50	20	1200
8M306775	DN 70 / OD 75	20	480
8M306790	DN 90 / OD 90	20	240
8M3067110	DN 100 / OD 110	20	160
8M3067125	DN 125 / OD 125	20	120

Product catalogue | 2018 | (Series M3)

M3-167E

AUG 032

Branch 67.5° F/F/M



Article No.	Dimension	Bag	Box	
8M3167E4040	DN 40 x 40 / OD 40 x 40	20	640	
8M3167E5040	DN 50 x 40 / OD 50 x 40	20	640	
8M3167E5050	DN 50 x 50 / OD 50 x 50	20	480	
8M3167E7550	DN 70 x 50 / OD 75 x 50	20	400	
8M3167E7575	DN 70 x 70 / OD 75 x 75	20	240	
8M3167E11050	DN 100 x 50 / OD 110 x 50	20	160	
8M3167E11075	DN 100 x 70 / OD 110 x 75	20	160	
8M3167E110110	DN 100 x 100 / OD 110 x 110	20	120	
8M3167E125110	DN 125 x 100 / OD 125 x 110	10	80	
8M3167E125125	DN 125 x 125 / OD 125 x 125	10	10	
8M3167E160125	DN 150 x 125 / OD 160 x 125	o. r.	o. r.	

M3-187E

AUG 032

Branch 87.5° F/F/M



Article No.	Dimension	Bag	Box	
8M3187E3232	DN 30 x 30 / OD 32 x 32	70	o. r.	
8M3187E4040	DN 40 x 40 / OD 40 x 40	20	1200	
8M3187E5040	DN 50 x 40 / OD 50 x 40	20	640	
8M3187E5050	DN 50 x 50 / OD 50 x 50	20	480	
8M3187E7550	DN 70 x 50 / OD 75 x 50	20	400	
8M3187E7575	DN 70 x 70 / OD 75 x 75	20	240	
8M3187E9050	DN 90 x 50 / OD 90 x 50	20	240	
8M3187E9075	DN 90 x 70 / OD 90 x 75	20	240	
8M3187E9090	DN 90 x 90 / OD 90 x 90	20	160	
8M3187E11050	DN 100 x 50 / OD 110 x 50	20	160	
8M3187E11075	DN 100 x 70 / OD 110 x 75	20	160	
8M3187E110110	DN 100 x 100 / OD 110 x 110	20	120	
8M3187E125110	DN 125 x 100 / OD 125 x 110	10	80	
8M3187E125125	DN 125 x 125 / OD 125 x 125	15	90	
8M3187E160110	DN 150 x 100 / OD 160 x 110	10	60	
8M3187E160160	DN 150 x 150 / OD 160 x 160	6	36	

M3-167D

AUG 032

Double branch pipe 67.5°



Article No.	Dimension	Bag	Box	
8M3167D11050	DN 100 x 50 / OD 110 x 50	20	160	
8M3167D110110	DN 100 x 100 / OD 110 x 110	10	60	

M3-187D

AUG 032

Double branch pipe 87.5°



Article No.	Dimension	Bag	Box	
8M3187D9090	DN 90 x 90 / OD 90 x 90	20	160	

M3-270

AUG 032

Coupling F/F



Article No.	Dimension	Bag	Box	
8M327032	DN 30 / OD 32	60	60	
8M327040	DN 40 / OD 40	20	1200	
8M327050	DN 50 / OD 50	20	1200	
8M327075	DN 70 / OD 75	20	480	
8M327090	DN 90 / OD 90	20	o. r.	
8M3270110	DN 100 / OD 110	20	240	
8M3270125	DN 125 / OD 125	20	200	
8M3270160	DN 150 / OD 160	15	120	
8M3270200	DN 200 / OD 200	o. r.	o. r.	

M3-270L

AUG 032

Coupling F/M



Article No.	Dimension	Bag	Box	
8M3270L40	DN 40 / OD 40	20	1200	
8M3270L50	DN 50 / OD 50	20	1200	
8M3270L75	DN 70 / OD 75	20	400	
8M3270L90	DN 90 / OD 90	20	240	
8M3270L110	DN 100 / OD 110	20	160	

Product catalogue | 2018 | (Series M3)

M3-243

AUG 032

Reducer M/F



Article No.	Dimension	Bag	Box	
8M32434032	DN 40 x 30 / OD 40 x 32	60	o. r.	
8M32435032	DN 50 x 30 / OD 50 x 32	100	o. r.	
8M32435040	DN 50 x 40 / OD 50 x 40	20	1200	
8M32437540	DN 70 x 40 / OD 75 x 40	20	o. r.	
8M32437550	DN 70 x 50 / OD 75 x 50	20	640	
8M32439050	DN 90 x 50 / OD 90 x 50	20	480	
8M32439075	DN 90 x 70 / OD 90 x 75	20	480	
8M324311050	DN 100 x 50 / OD 110 x 50	20	480	
8M324311075	DN 100 x 70 / OD 110 x 75	20	480	
8M324311090	DN 100 x 90 / OD 110 x 90	20	240	
8M3243125110	DN 125 x 100 / OD 125 x 110	20	240	
8M3243160110	DN 150 x 100 / OD 160 x 110	20	160	
8M3243160125	DN 150 x 125 / OD 160 x 125	20	160	
8M3243200160	DN 200 x 150 / OD 200 x 160	o. r.	o. r.	

M3-243K

AUG 032

Eccentric Reducer M/F



Article No.	Dimension	Bag	Box	
8M3243K5040	DN 50 x 40 / OD 50 x 40	25	o. r.	
8M3243K7550	DN 70 x 50 / OD 75 x 50	o. r.	o. r.	
8M3243K11050	DN 100 x 50 / OD 110 x 50	20	480	
8M3243K11075	DN 100 x 70 / OD 110 x 75	20	480	
8M3243K11090	DN 100 x 90 / OD 110 x 90	20	480	

M3-290

AUG 032

Socket Plug



Article No.	Dimension	Bag	Box	
8M329032	DN 30 / OD 32	280	o. r.	
8M329040	DN 40 / OD 40	40	3840	
8M329050	DN 50 / OD 50	40	3840	
8M329075	DN 70 / OD 75	20	1920	
8M329090	DN 90 / OD 90	20	960	
8M3290110	DN 100 / OD 110	20	640	
8M3290125	DN 125 / OD 125	20	640	
8M3290160	DN 150 / OD 160	20	400	
8M3290200	DN 200 / OD 200	o. r.	o. r.	

M3-246S

AUG 032

Transition Adaptor



Article No.	Dimension	Bag	Box	
8M3246S32	DN 30 / OD 32	20	o. r.	
8M3246S40	DN 40 / OD 40	20	o. r.	
8M3246S50	DN 50 / OD 50	o. r.	o. r.	

M3-246SL

AUG 032

Transition Adaptor NS



Article No.	Dimension	Bag	Box	
8M3246S50L	DN 50 / OD 50 (L)	20	1200	

M3-090S

AUG 032

Transition Bend 90 °



Article No.	Dimension	Bag	Box	
8M3090S32	DN 30 / OD 32	20	o. r.	
8M3090S40	DN 40 / OD 40	20	o. r.	
8M3090S50	DN 50 / OD 50	20	o. r.	

M3-090SL

AUG 032

Transition Bend 90 ° NS



Article No.	Dimension	Bag	Box	
8M3090S50L	DN 50 / OD 50 (L)	20	1200	

M3-SSDL

AUG 032

Transition Adaptor Seal



Article No.	Dimension	Bag	Box	
8M3SSD2L	2L	o. r.	o. r.	

Product catalogue | 2018 | (Series M3)

M3-SSD

AUG 032

Transition Adaptor Seal



Article No.	Dimension	Bag	Box	
8M3SSD324050	DN 30/40/50 / OD 32/40/50	o. r.	o. r.	

M3-100R

AUG 032

Acoustic Pipe + access cap



Article No.	Dimension	Bag	Box	
8M3100R50	DN 50 / OD 50	20	640	
8M3100R75	DN 70 / OD 75	20	240	
8M3100R90	DN 90 / OD 90	20	240	
8M3100R110	DN 100 / OD 110	20	120	
8M3100R125	DN 125 / OD 125	20	120	
8M3100R160	DN 150 / OD 160	12	72	
8M3100R200	DN 200 / OD 200	o. r.	o. r.	

M3-DS

AUG 032

Insulating sleeve



Article No.	Dimension	Bag	Box	
8M3DS75	DN 70 / OD 75	o. r.	o. r.	
8M3DS110	DN 100 / OD 110	o. r.	o. r.	

M3-BSM

AUG 032

Fire stop collar



Article No.	Dimension	Bag	Bag	
8M3BSM139	1-39	1	30	
8M3BSM4046	40-46	1	25	
8M3BSM4758	47-58	1	25	
8M3BSM5974	59-74	1	24	
8M3BSM7585	75-85	1	20	
8M3BSM86100	86-100	1	15	
8M3BSM101120	101-120	1	10	
8M3BSM121139	121-139	1	15	
8M3BSM140159	140-159	1	10	
8M3BSM160179	160-179	1	8	



SANHA®-Box

Practical installation boxes for professionals



SANHA®-Box

Installers know the situation: water connections have to be installed requiring planning and time, small parts gathered together and sorted, and the various tools made ready. But now, that's all a thing of the past – thanks to the practical SANHA®-Box range. It contains all necessary connections, ready to fit, for easy connection to the piping system - including effective acoustic thermal insulation and condensate protection.

The entire SANHA®-Box range for drinking water installations is made exclusively from lead-free Silicon Bronze, (CuSi) press fittings, which emit no harmful lead into the drinking water – not only do you save substantial time and installation costs, you also gain the knowledge that your installation reliably meets the stringent drinking water regulation specifications!

The practical SANHA®-Box range comes in many versions: Preconfigured boxes are available and onto water meter connections.

Drywall construction: The SANHA®-Box greatly reduces labour in dry-lining applications. Cavities, noise insulation or stability are real challenges. The SANHA-Box allows robust and very precise installation of all pipes, fittings, etc. including mounting frames and cross-members.

Masonry: Installations in masonry walls are often subject to temperature and pressure fluctuations through the plaster which can also subsequently influence the installation conditions in residential rooms. This is reliably prevented by our specially developed SANHA®-Box. The pre-assembled system already includes foam insulation.

Radiators: The SANHA®-Box is, of course, highly suited to installation in conjunction with compact radiators. By installing the connections in the wall, there is no need to install pipes under the floor, making subsequent floor cleaning considerably easier. At the same time, pipe strains are stabilised, insulation improved and associated noises effectively prevented.

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Practical installation boxes for professionals

25-BWU-T

AUG 433

SANHA®-Box for dry-wall construction, bath and shower connections



Article No.	Dimension	Bag	Box
325BWDUT20	20		25

25-WM-T

AUG 433

SANHA®-Box for dry-wall construction, washing machine connection



Article No.	Dimension	Bag	Box
325WMT16	16		25

25-BWU-Z-T

AUG 433

SANHA®-Box for dry-wall construction, 2 bath and shower connections



Article No.	Dimension	Bag	Box
325BWDUZT20	20		25

25-WM-Z-T

AUG 433

SANHA®-Box for dry-wall construction, 2 washing machine connections



Article No.	Dimension	Bag	Box
325WMZT16	16		25

25-HK-T

AUG 433

SANHA®-Box for dry-wall construction, radiator installation



Article No.	Dimension	Bag	Box
325HKT16	16		50

25-WT-T

AUG 433

SANHA®-Box for dry-wall construction, wash basin connection



Article No.	Dimension	Bag	Box
325WTT16	16		25

25-ST-T

AUG 433

SANHA®-Box for dry-wall construction, sink connection



Article No.	Dimension	Bag	Box
325STT16	16		25

25-WTZ-T

AUG 433

SANHA®-Box for dry-wall construction, 2 wash basin connections



Article No.	Dimension	Bag	Box
325WTZT16	16		25

25-STZ-T

AUG 433

SANHA®-Box for dry-wall construction, 2 sink connections



Article No.	Dimension	Bag	Box
325STZT16	16		25

25-WZ1-T

AUG 433

SANHA®-Box for dry-wall construction, water meter connection (1)



Article No.	Dimension	Bag	Box
325WZ1T	16		

Product catalogue | 2018 | Practical installation boxes for professionals

25-WZ2-T

AUG 433

SANHA®-Box for dry-wall construction, water meter connection (2)



Article No.	Dimension	Bag	Box
325WZ2T			

25-WM-M

AUG 433

SANHA®-Box for masonry construction, washing machine connection



Article No.	Dimension	Bag	Box
325WMM16	16		50

25-WBF

AUG 433

Wash basin mounting for dry-wall construction



Article No.	Dimension	Bag	Box
325WBF			

25-WT-M

AUG 433

SANHA®-Box for masonry construction, wash basin connection



Article No.	Dimension	Bag	Box
325WTM16	16		50

25-BWDU-M

AUG 433

SANHA®-Box for masonry construction, bath and shower connections



Article No.	Dimension	Bag	Box
325BWDUM20	20		50

25-WZ1-M

AUG 433

SANHA®-Box for masonry construction, water meter installation (1)



Article No.	Dimension	Bag	Box
325WZ1M	16		

25-HK-M

AUG 433

SANHA®-Box for masonry construction, radiator installation



Article No.	Dimension	Bag	Box
325HKM16	16		100

25-WZ2-M

AUG 433

SANHA®-Box for masonry construction, water meter installation (2)



Article No.	Dimension	Bag	Box
325WZ2M	16		

25-ST-M

AUG 433

SANHA®-Box for masonry construction, sink connection



Article No.	Dimension	Bag	Box
325STM16	16		25

25-ML

AUG 433

Installation aid for the SANHA®-Box systems for adjusting of height and angle



Article No.	Dimension	Bag	Box
325ML	16		



SANHA®-Heat

Wall-heating modules



SANHA®-Heat

SANHA wall heating modules are a completely new, space-saving system for room heating and cooling. The system is characterised by the exceptionally high living comfort it provides, the ease of installation, very high energy efficiency compared to conventional heating systems as well as its positive impact on our health.

SANHA wall heating modules can be installed nearly everywhere, even in roof slopes.

The module is a patented, pre-constructed element made of special heating mortar and includes integrated multi-layer plastic pipes (PE-RT/AL/PE-RT). The maximum heating capacity is 210 W/m². All modules can be operated with a supply temperature of up to 60 °C. The heating mode is certified in accordance with EN 1264.

Operating conditions	
Frame	0.75 mm galvanised sheet steel
Heating pipe	SANHA-Multifit®-Flex multilayer composite pipe, 16 x 2 mm (PE-RT/AL/PE-HD), oxygen-tight in accordance with DIN4726
Filler	Lime/cement/mortar with natural additives and carbon, Dry density: 1070 kg/m ³
Coating	Cardboard
Reinforcement	Fibreglass
Joining technology	SANHA 3fit®-Press press connector or 3fit®-Push system
Operating temperature	Max. 60 °C (heating) Min. 16 °C (cooling)
Operating pressure	Max. 10 bar

Features

High energy efficiency

- Radiant heat transfers temperature by electromagnetic waves without unpleasant or inconvenient air turbulences. Since the human body - similar to the rays of the sun - is warmed directly when it comes into contact with the waves, the room temperature can be kept around 3 - 4 °C lower compared to conventional convection heating. This can often equal savings of on average 15 - 20 percent.
- Very good energy efficiency even at low temperatures
- Ideal combination with all conventional heat generators as well as heat pumps: The wall heating modules can be used to complement or completely replace conventional radiators
- A maximum heating output of 210 W/m² can be achieved.

Trouble-free installation

- Wall heating modules are supplied with a plastered finish ready for painting or wallpapering
- All of the work steps, from installation up to connection to the heating system, can be easily executed by the installer
- Wall heating modules can be dimensioned similar to normal radiators.
- Wall heating modules can be installed on masonry walls, timber walls and dry-wall studs as well as on roof slopes up to 45°
- The modules can be installed in landscape or portrait format
- 4 different lengths allow practically any combination

Healthy room climate

- As there is no convection, dust is not stirred up
- The heated walls permanently prevent the formation of dangerous mould as is often found in modernised old buildings
- Alongside the purely health-related aspects, this also means substantial protection of the building itself
- The radiated heat does not cause unhealthy, dry room air as with conventional radiators.

Areas of application

SANHA® wall heating modules are ideally suited for new buildings as well as for the speedy and cost-efficient renovation of existing buildings and can be used for both heating and cooling.

Heating	Cooling		
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Wall heating modules

WH

AUG 431

Ready-to-install wall heating module with integrated heating register, 25mm thick, 625 mm wide



Article No.	Dimension	Bag	Box
1WH75	62,5 x 75	40	
1WH125	62,5 x 125	30	
1WH200	62,5 x 200	20	
1WH250	62,5 x 250	15	

WHBS-H

AUG 431

Fastening set for wall heating modules for wooden walls



Article No.	Dimension	Bag	Box
1WHBSH		1	15

WHBS-M

AUG 431

Fastening set for wall heating modules for concrete and masonry



Article No.	Dimension	Bag	Box
1WHBSM		1	

WHBS-T

AUG 431

Fastening set for wall heating modules for metal framed wall constructions



Article No.	Dimension	Bag	Box
1WHBST		1	20

WHLS

AUG 431

Pipe detector for searching for heating pipes in wall heating modules



Article No.	Dimension	Bag	Box
1WHLS		o. r.	o. r.



SANHA®-Heat

Heating circuit distributors

SANHA®-Heat Heating circuit distributors

SANHA stainless steel heating circuit distributors are suitable for all hot water heating systems in accordance with EN 12828, and for panel heating / cooling systems in accordance with EN 1264, and can therefore be used not only in residential buildings, but also in industrial, commercial and public buildings.

They are used for the distribution of water and for isolating and balancing flow in heating and cooling circuits. This means that they can be used for the connection of radiators, ventilation / air conditioning units, as well as wall, ceiling and floor heating / cooling systems. Venting, flushing and flow balancing are particularly important to ensure trouble free and optimum operation in floor, wall and ceiling heating and cooling systems.

The SANHA heating circuit distributors are equipped as standard with a safety filling and ventilation device as well as integrated flow meters or control valves. This allows a reliable, fast and thus cost-efficient execution of these measures.

The SANHA stainless steel heating circuit distributors are complemented by an extensive accessory programme. Alongside cabinets for wall-mounted and concealed installation, there are fittings and installation kits for the primary connection and bridging joints for the secondary side. Room thermostats and actuators allow precise control of the room temperature. The unique pre-connected circuits, with an integrated pump, can be connected directly to the heating circuit. This makes it possible to integrate a low temperature circuit into an existing high temperature circuit. This eliminates the need for a separate hot water supply from the boiler and any works entailed. At the same time, the need for a separate hot water supply from the boiler and any works entailed are eliminated. A separate control circuit with extensive piping and troublesome interventions in the building structure is no longer necessary.

Technical data and operating conditions for SANHA®-Heat heat distributors

Operating temperatures	-10 °C – +80 °C
Operating media	non-corrosive heating water / Glycol-water-solution with up to 50 % glycol
Maximum operating pressure	4,0 bar
Maximum test pressure:	6,0 bar (DIN EN 1264-4)
Material	Stainless steel material number 1.4301 according to EN 10088-2

Areas of application

Heating	Cooling		
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Heating circuit distributors

VT-DM

AUG 432

Stainless steel heating circuit distributor, with adjustable flow indicators for supply flow and thermostat valve inserts for return flow, incl. wall bracket and draining set



Article No.	Dimension	Bag	Box
1VT02DM	2		1
1VT03DM	3		1
1VT04DM	4		1
1VT05DM	5		1
1VT06DM	6		1
1VT07DM	7		1
1VT08DM	8		1
1VT09DM	9		1
1VT10DM	10		1
1VT11DM	11		1
1VT12DM	12		1

VT-DMZUB

AUG 432

Volume meter for distributor VTDM

Article No.	Dimension	Bag	Box
1VTDMZUB		o. r.	o. r.

VT-RE

AUG 432

Stainless steel heating circuit distributor, with integrated control valve insert for supply flow and thermostat valve inserts for return flow, incl. zinc-coated wall bracket and draining set



Article No.	Dimension	Bag	Box
1VT02RE	2		1
1VT03RE	3		1
1VT04RE	4		1
1VT05RE	5		1
1VT06RE	6		1
1VT07RE	7		1
1VT08RE	8		1
1VT09RE	9		1
1VT10RE	10		1
1VT11RE	11		1
1VT12RE	12		1

VT-KH-S

AUG 432

Ball valve set



Article No.	Dimension	Bag	Box
1VTKHS34	3/4		1
1VTKHS1	1		1

VT-WMZ-H

AUG 432

Connection set, horizontal, for heat meter, with 3 ball valves, adaptor pipe 3/4" 110 mm (1" 130 mm), tee for sensor



Article No.	Dimension	Bag	Box
1VTWMZ34H	3/4		1
1VTWMZ1H	1		1

VT-WMZ-V

AUG 432

Connection set, vertical, for heat meter, with 3 ball valves, variable adaptor pipe 3/4" 110 mm (1" 130 mm), tee for sensor



Article No.	Dimension	Bag	Box
1VTWMZ34V	3/4		1
1VTWMZ1V	1		1

VT-TA

AUG 432

Electro-thermal actuator, white, closed and currentless, position indicator, cable with plug



Article No.	Dimension	Bag	Box
1VTTA24	24 Volt		1
1VTTA230	230 Volt		1

VT-RT

AUG 432

Room thermostat AP, super flat, white, closed and currentless, with thermal recirculation



Article No.	Dimension	Bag	Box
1VTRT24A	24 Volt		1
1VTRT230A	230 Volt		1

Product catalogue | 2018 | Heating circuit distributors

VT-STB

AUG 432

Maximum supply flow limiter 60 °C, as contact thermostat with retaining strap fastening



Article No.	Dimension	Bag	Box
1VTSTB			1

VT-PRG1E

AUG 432

Regulating station for fixed set point control, adjusting range 20-50 °C, electronically regulated circulating pump E4 auto-130 mm, regulating valve with internal sensor and integrated non-return valve



Article No.	Dimension	Bag	Box
1VTPRG1E			1

VT-PRG2

AUG 432

Regulating station for fixed set point control, adjusting range 20-50 °C, without circulating pump, regulating valve with internal sensor and integrated non-return valve



Article No.	Dimension	Bag	Box
1VTPRG2			1

VT-PRG3E

AUG 432

Regulating station for fixed set point control, adjusting range 20-50 °C, electronically regulated circulating pump E4 auto-130 mm, regulating valve with internal sensor, safety limitation, adjustable bypass and integrated non-return valve



Article No.	Dimension	Bag	Box
1VTPRG3E			1

VT-WS-AP

AUG 432

Distribution cabinet, surface-mounted, galvanically zinc-coated steel sheet, painted white (RAL 9010), with removable door and locking bolt, installation depth 125 mm



Article No.	Dimension	Bag	Box
1VTWS0496AP	496 x 620		1
1VTWS0582AP	582 x 620		1
1VTWS0732AP	732 x 620		1
1VTWS0882AP	882 x 620		1
1VTWS1032AP	1032 x 620		1

VT-WS-UP

AUG 432

Distribution cabinet, surface-mounted, with galvanised installation frame, painted white (RAL 9010) front panel, with removable door and locking bolt, installation depth 110-150 mm



Article No.	Dimension	Bag	Box
1VTWS0490UP	490 x 705		1
1VTWS0575UP	575 x 705		1
1VTWS0725UP	725 x 705		1
1VTWS0875UP	875 x 705		1
1VTWS1025UP	1025 x 705		1



SANHA®-Heat

Heater connections



SANHA®-Heat

SANHA® Heat heating connections encompass a broad and practical range of connecting elements. They include all items necessary for a professional installation such as chrome and nickel plated radiator connections up to PN 10 with different threaded, press and solder fittings, cross tees for mixture-free crossing of pipes, radiator unions and more.

The SANHA® cross tees and distributors on one or two levels provide an optimal solution for both new construction as well as for refurbishment. Tees and distributors can be installed within the underfloor insulation in a way that saves time, money, and space.

For a particularly easy and time-saving connection of radiators SANHA also offers a nickel-plated CU-VN-block including an insulated casing.

Advantages of the block for the installer:

- Simple and time-saving connection of radiators
- The heating system does not have to be assembled and disassembled for pressure testing. This eliminates the risk of damage and the theft of radiators during the construction work.
- Prefabricated connecting pitch of 50 mm.
- No additional pressure testing of heating pipes required.
- Pressure test and test heating without radiator connection possible.
- Especially recommended for installation in winter.
- No interim storage, prevents damage to the radiator before final assembly.

Benefits for the client:

- Visually pleasing radiator junctions since connection pipes are not visible.
- No disturbing radiator pipes in the floor, no cumbersome adjustment work when laying the floor covering.
- Easy cleaning of the floor covering

Particular advantages of the SANHA screed manifold

- Full compatibility with all common pressing jaws and pressing machines for metallic materials.
- Very simple, clean and safe installation, thus short assembly times.
- The flat design provides minimal sub structure.
- Particularly suitable for installation in inaccessible areas.
- Allows space-saving crossing lines.
- No space is required for heating manifolds.
- Complete floor distribution pipework in press technology.

Particular advantages of the SANHA Crossroads Tees:

- Full compatibility with all pressing jaws and tools for metallic materials with the original profiles SA, M and V.
- Very simple, clean and safe installation, therefore shorter assembly times.
- The flat design provides minimal sub structure.
- Particularly suitable for installation in inaccessible areas.
- Allows space-saving crossing lines.
- No space required for heating manifolds.
- Complete floor distribution pipework in press technology.
- Prefabricated connecting pitch of 50 mm.

Practical considerations for Crossroads Tees

- When turning a crossover tee pay attention to the outlets for supply (V) and return (R).
- In addition, a maximum of two axially compressed successively crossing tees may be used without expansion compensation.
- The thermal change in length is considered. For this, the heat and sound insulation must be adapted to the appropriate places.

Since heating connections depend on the system used, material and other factors, please refer to the corresponding operating conditions in these chapters:

- NiroTherm (05)
- PURAPRESS (07)
- SANHA-Press (08)
- SANHA-Therm (12)
- 3fit-Press (14)
- 3fit-Push (15)

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Heater connections

23500

AUG 492

MultiFit®-PE-RT, system pipe, multi-layer composite pipe for potable water and heating installation, in coils



Article No.	Dimension	Bag	Box
12350016	16 x 2,0		400
12350017	17 x 2,0		600

14AV

AUG 410

Radiator unions, corner form, forged brass PN 10, according to DIN 3842, female/male male thread, lockable and adjustable, angle form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
314AV38	3/8		80
314AV12	1/2		70

14ALV

AUG 410

Radiator unions, forged brass PN 10, female solder end and male thread, lockable and adjustable, angle form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
314ALV1512	15 x 1/2		70

14APV

AUG 020

Radiator union, forged brass PN 10, female end and male thread, lockable and adjustable, angle form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
314APV1512	15 x 1/2		70

15

AUG 410

Radiator union, forged brass PN 10, according to DIN 3842, female solder end, lockable and adjustable, straight form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
31512	1/2		120

15AV

AUG 410

Radiator union, forged brass PN 10, according to DIN 3842, female/male thread, lockable and adjustable, straight form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
315AV12	1/2		70
315AV34	3/4		40

15APV

AUG 020

Radiator union, forged brass PN 10, female end and male thread, lockable and adjustable, passage form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
315APV1512	15 x 1/2		70

15ALV

AUG 410

Radiator unions, forged brass PN 10, female solder end and male thread, lockable and adjustable, passage form, max. 100 °C, nickel-plated



Article No.	Dimension	Bag	Box
315ALV1512	15 x 1/2		70

4014KA

AUG 410

Radiator union, red brass PN 10, female solder end and male thread, lockable and adjustable, angle form, max. 100 °C, unfinished



Article No.	Dimension	Bag	Box
34014KA1512	15 x 1/2		70

4015KA

AUG 410

Radiator union, red brass PN 10, female solder end and male thread, lockable and adjustable, passage form, max. 100 °C, unfinished



Article No.	Dimension	Bag	Box
34015KA1512	15 x 1/2		60

Product catalogue | 2018 | Heater connections

24180

AUG 020

Cross, for mixture-free crossing of pipes in the same plane, chromium-plated



Article No.	Dimension	Bag	Box
12418015	15	1	25
1241801512	15 x 12	1	30
1241801812	18 x 12	1	25
1241801815	18 x 15	1	20
1241802212	22 x 12	1	20
1241802215	22 x 15	1	20

24181.1

AUG 016

Cross distributor, two planes



Article No.	Dimension	Bag	Box
12418115.1	15	1	40
1241811815.1	18 x 15	1	35
1241812215.1	22 x 15	1	20
1241812218.1	22 x 18	1	20
1241812815.1	28 x 15	1	20
1241812818.1	28 x 18	1	20

25801

AUG 017

Brass (CW 617N) ball valve with press end and female thread (for 3fit®-Press)



Article No.	Dimension	Bag	Box
1258011612	16 x 1/2	o. r.	o. r.
1258012012	20 x 1/2	o. r.	o. r.
1258012634	26 x 3/4	o. r.	o. r.

25802

AUG 017

Brass (CW 617N) ball valve with 2 press ends (for 3fit®-Press)



Article No.	Dimension	Bag	Box
12580216	16	o. r.	o. r.
12580220	20	o. r.	o. r.
12580226	26	o. r.	o. r.

24580

AUG 020

Cross tee, with 50 mm high insulation box, for mixture-free crossing of pipes keeping minimum installation heights



Article No.	Dimension	Bag	Box
12458015	15	1	5
124580151215	15 x 12 x 15	1	5
124580181218	18 x 12 x 18	1	5
124580181518	18 x 15 x 18	1	5
124580221522	22 x 15 x 22	1	5

24580.1

AUG 020

Cross tee, for mixture-free crossing of pipes keeping minimum installation heights (without insulation box)



Article No.	Dimension	Bag	Box
124580115	15	1	10
1245801151215	15 x 12 x 15	1	10
1245801181218	18 x 12 x 18	1	10
1245801181518	18 x 15 x 18	1	10
1245801221522	22 x 15 x 22	1	10
1245801221822	22 x 18 x 22	1	10

24581

AUG 020

Plaster distributor, for installation in heat and footfall insulation, prevents pipeline crossing, including 50 mm high insulation box



Article No.	Dimension	Bag	Box
124581221222	22 x 12 x 22	1	5
124581221522	22 x 15 x 22	1	5

24590

AUG 020

Skirting rail radiator connector, copper alloy, nickel-plated, with compression unions 1/2" x 15 mm



Article No.	Dimension	Bag	Box
1245901512	15 x 1/2 x 15	1	10
1245901812	18 x 1/2 x 18	1	10

Product catalogue | 2018 | Heater connections

8180

AUG 020

Cross, for mixture-free crossing of pipes in the same plane



Article No.	Dimension	Bag	Box
1818015	15	1	25
181801512	15 x 12	1	30
181801812	18 x 12	1	25
181801815	18 x 15	1	20
181802212	22 x 12	1	20
181802215	22 x 15	1	20

8181

AUG 020

Cross distributor, two planes



Article No.	Dimension	Bag	Box
1818115	15	1	20
181811815	18 x 15	1	20
181812215	22 x 15	1	15
181812815	28 x 15	1	15

8580

AUG 020

Cross tee, with 50 mm high insulation box, for mixture-free crossing of pipes keeping minimum installation heights



Article No.	Dimension	Bag	Box
1858015	15	1	5
18580151215	15 x 12 x 15	1	5
18580181218	18 x 12 x 18	1	5
18580181518	18 x 15 x 18	1	5
18580221522	22 x 15 x 22	1	5
18580221822	22 x 18 x 22	1	5

8580.1

AUG 020

Cross tee, for mixture-free crossing of pipes keeping minimum installation heights (without insulation box)



Article No.	Dimension	Bag	Box
18580115	15	1	10
185801151215	15 x 12 x 15	1	10

8580.1

AUG 020

Cross tee, for mixture-free crossing of pipes keeping minimum installation heights (without insulation box)



Article No.	Dimension	Bag	Box
185801181218	18 x 12 x 18	1	10
185801181518	18 x 15 x 18	1	10
185801221522	22 x 15 x 22	1	10
185801221822	22 x 18 x 22	1	10

8581

AUG 020

Plaster distributor, for installation in heat and footfall insulation, prevents pipeline crossing, including 50 mm high insulation box



Article No.	Dimension	Bag	Box
18581221222	22 x 12 x 22	1	5
18581221522	22 x 15 x 22	1	5

8590

AUG 020

Radiator connector



Article No.	Dimension	Bag	Box
185901512	15 x 1/2 x 15	1	10
185901812	18 x 1/2 x 18	1	10

8620

AUG 020

CU-VN block for radiator connection, nickel-plated, with insulation box



Article No.	Dimension	Bag	Box
18620185	15 x 185	2	90
18620255	15 x 255	1	45

Product catalogue | 2018 | Heater connections

16003

AUG 020

Bend 90°, nickel-plated, male plain ends



Article No.	Dimension	Bag	Box
11600315125	15 x 125	10	60
11600315300	15 x 300	10	80

DKHV VPE R

AUG 017

Compression fitting set, with euroconus, for MultiFit®-Flex and MultiFit®-PEX pipes, nickel coated



Article No.	Dimension	Bag	Box
3DKHVPE3416R	3/4 x 16	1	100
3DKHVPE3420R	3/4 x 20	1	100

DKHV CU

AUG 020

Compression fitting set for copper and mild steel pipes, with euroconus, for VA block no. 8620 and bend no. 16003, nickel-plated



Article No.	Dimension	Bag	Box
3DKHVUCU3412	3/4 x 12	1	o.r.
3DKHVUCU3415	3/4 x 15	1	100
3DKHVUCU3418	3/4 x 18	1	100

DKHV CU R

AUG 020

Compression fitting set for copper and mild steel pipes, with euroconus, for VA block no. 8620 and bend no. 16003, unfinished



Article No.	Dimension	Bag	Box
3DKHVUCU3412R	3/4 x 12	1	o.r.
3DKHVUCU3415R	3/4 x 15	1	o.r.
3DKHVUCU3418R	3/4 x 18	1	o.r.

DKHV VPE

AUG 017

Compression fitting set, with euroconus, for MultiFit®-Flex and MultiFit®-PEX pipes, nickel coated



Article No.	Dimension	Bag	Box
3DKHWPE1216	1/2 x 16	1	50
3DKHWPE3416	3/4 x 16	1	100
3DKHWPE3417	3/4 x 17	1	100
3DKHWPE3420	3/4 x 20	1	100
3DKHWPE116	1 x 16	1	o.r.
3DKHWPE120	1 x 20	1	o.r.
3DKHWPE126	1 x 26	1	o.r.



SANHA®-Heat

Ball valves



SANHA®-Heat Ball valves

Our quality SANHA ball valves are made of brass CW 617N and can be delivered in a multitude of versions such as with threaded and press ends, or in the dimensions 15-54 mm, 16-26 mm and ½ "to 2". The ball valves can be easily and quickly combined with all SANHA systems, thus providing a real alternative to conventional products.

With SANHA ball-stop valves we provide our customers with the opportunity for an optimal safe and at the same time very economical solution for the installation of machinery, equipment or other facilities such as risers.

Operating conditions for SANHA ball valves		
Water and aqueous solutions		
Press connection with black EPDM sealing ring		
Operating system	Operating temperatures	Operating pressure
SANHA-Press® / PURAPRESS®	-30 °C - +120 °C	16 bar
NiroSan® / NiroTherm®	-30 °C - +120 °C	16 bar
SANHA-Therm®	-30 °C - +120 °C	16 bar
3fit®-Press	+25 °C	16 bar
	+50 °C	13 bar
	+70 °C	10 bar

Comprehensive benefits

- Suitable for all SANHA press heating systems
- **combipress =**
 - + Tool Compatibility: compressible with pressing jaws or slings with original SA, V and M profile up to and including 54 mm and therefore no risk of choosing the wrong tool on the site.
 - + Leak path (certified leak path testing before pressing) in combination with
 - + Push & Stay for simple and safe installation in any location.
- Full quality control
- More safety during installation and use
- Installation time savings by already integrated press connections
- Greater flexibility in deployment and pricing
- Full warranty

The use in potable water systems is possible, yet because of the lead content in the alloy, we do not recommend this particular use.

Areas of application

Closed heating systems	Closed cooling water systems	
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For general applications please refer to our installation guide, or request installation training from one of our experienced trainers.

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Ball valves

8800MS

AUG 020

Brass (CW 617N) ball valve with 2 female threads



Article No.	Dimension	Bag	Box
18800MS12	1/2"	1	40
18800MS34	3/4"	1	30
18800MS1	1"	1	20
18800MS114	1 1/4"	1	10
18800MS112	1 1/2"	1	8
18800MS2	2"	1	4

8801MS

AUG 020

Brass (CW 617N) ball valve with press end and female thread



Article No.	Dimension	Bag	Box
18801MS1512	15 x 1/2	1	
18801MS1812	18 x 1/2	1	
18801MS2234	22 x 3/4	1	
18801MS281	28 x 1	1	
18801MS35114	35 x 1 1/4	1	
18801MS42112	42 x 1 1/2	1	
18801MS542	54 x 2	1	

8802MS

AUG 020

Brass (CW 617N) ball valve with 2 press ends



Article No.	Dimension	Bag	Box
18802MS15	15	1	
18802MS18	18	1	
18802MS22	22	1	
18802MS28	28	1	10
18802MS35	35	1	
18802MS42	42	1	4
18802MS54	54	1	2

8850

AUG 020

Brass ball valve, PN 16, pressing sockets, max. operating temperature 130 °C



Article No.	Dimension	Bag	Box
1885018	18		30
1885022	22		25

25801

AUG 017

Brass (CW 617N) ball valve with press end and female thread (for 3fit®-Press)



Article No.	Dimension	Bag	Box
1258011612	16 x 1/2	o. r.	o. r.
1258012012	20 x 1/2	o. r.	o. r.
1258012634	26 x 3/4	o. r.	o. r.

25802

AUG 017

Brass (CW 617N) ball valve with 2 press ends (for 3fit®-Press)



Article No.	Dimension	Bag	Box
12580216	16 x 2,0	o. r.	o. r.
12580220	20 x 2,0	o. r.	o. r.
12580226	26 x 2,0	o. r.	o. r.



CAPILLARY SOLDER FITTINGS | Copper alloy

SA

(Series 4000)



SA CAPILLARY SOLDER FITTINGS

Series 4000

The SANHA series 4000 „SA“ consist of solder and transition fittings for copper pipes according to EN 1057 and EN 13348 for hard and soft soldering. All products are certified according to many national and international certification bodies.

SANHA capillary solder fittings are manufactured from copper (Cu-DHP, CW024A for moulded parts) and copper alloys CC499K (threaded parts, cast parts) and fulfill all requirements of BS EN 1254.

Maximum permissible operating pressures for copper pipes with SANHA® capillary solder fittings according to BS EN 1254-1

Connection type	Operating temperature	Outer pipe diameter		
		6...28 mm	35...54 mm	64...108 mm
Soft soldering	30 °C	40 bar	25 bar	16 bar
	65 °C	25 bar	16 bar	16 bar
	110 °C	16 bar	10 bar	10 bar
Hard soldering	30 °C	40 bar	25 bar	16 bar
	65 °C	25 bar	16 bar	16 bar
	110 °C	16 bar	10 bar	10 bar

Type of thread: R/Rp thread according to EN 10226,
Fastening thread: G thread according ISO 228

Please contact our Technical Support at technik@sanha.com for operating conditions not listed in the above table.

Features

- **Fast and reliable installation** thanks to the sealing feature in the thread and narrow manufacturing tolerances. The thread conforms with EN 10226 and ISO7/1 Type R and Rp.
- **Optimum corrosion resistance** due to the comparatively low carbon content of <0,5 mg C / dm².
- **Extensive portfolio:** SANHA offers all dimensions from 6 to 159 mm

Areas of application

Drinking water	Heating	Medical gases
Gas installations	Rainwater	Solar systems
Compressed air	Fire extinguishing system (wet)	Sprinkler systems (wet)
Inert gases	Cooling water pipes	

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 4000)

4090G

AUG 051

Elbow 90°, female solder end and female thread



Article No.	Dimension	Bag	Box
140901014	10 x 1/4	10	500
140901012	10 x 1/2	10	200
140901238	12 x 3/8	10	250
140901212	12 x 1/2	10	250
140901412	14 x 1/2	10	200
140901538	15 x 3/8	10	250
140901512	15 x 1/2	10	200
140901534	15 x 3/4	10	150
140901612	16 x 1/2	10	150
140901634	16 x 3/4	10	150
140901812	18 x 1/2	10	150
140901834	18 x 3/4	10	130
140902212	22 x 1/2	10	130
140902234	22 x 3/4	10	100
14090221	22 x 1	10	80
140902834	28 x 3/4	10	50
14090281	28 x 1	10	50
14090351	35 x 1		30
1409035114	35 x 1 1/4		30
1409042112	42 x 1 1/2		20
14090542	54 x 2		10

4092G

AUG 051

Elbow 90°, female solder end and male thread



Article No.	Dimension	Bag	Box
140921212	12 x 1/2	10	300
140921412	14 x 1/2	10	200
140921512	15 x 1/2	10	200
140921534	15 x 3/4	10	150
140921612	16 x 1/2	10	200
140921812	18 x 1/2	10	200
140921834	18 x 3/4	10	150
140922234	22 x 3/4	10	120
14092221	22 x 1	10	60
140922834	28 x 3/4		70
14092281	28 x 1		60
1409235114	35 x 1 1/4		35

4092G

AUG 051

Elbow 90°, female solder end and male thread



Article No.	Dimension	Bag	Box
1409242112	42 x 1 1/2	2	24
14092542	54 x 2		12

4096

AUG 051

Elbow union, conical sealing, female/female solder end



Article No.	Dimension	Bag	Box
1409615	15	5	125
1409622	22	5	50
1409635	35	2	20
1409642	42	2	12

4096G

AUG 051

Elbow union, conical sealing, female solder end and female thread



Article No.	Dimension	Bag	Box
140961534	15 x 3/4	5	80

4098G

AUG 051

Elbow union, conical sealing, female solder end and male thread



Article No.	Dimension	Bag	Box
140981238	12 x 3/8	5	125
140981212	12 x 1/2	5	120
140981412	14 x 1/2	5	100
140981512	15 x 1/2	5	100
140981612	16 x 1/2	5	100
140981812	18 x 1/2	5	100
140982234	22 x 3/4	5	50
14098221	22 x 1	5	40
14098281	28 x 1	5	30
1409835114	35 x 1 1/4	2	20

Product catalogue | 2018 | (Series 4000)

4098G

AUG 051

Elbow union, conical sealing, female solder end and male thread



Article No.	Dimension	Bag	Box
1409842112	42 x 1 1/2	2	12
14098542	54 x 2	2	6

4130G

AUG 051

Tee, with female thread, female/female solder end



Article No.	Dimension	Bag	Box
141301238	12 x 3/8 x 12	10	200
141301538	15 x 3/8 x 15	10	200
141301512	15 x 1/2 x 15	10	120
141301612	16 x 1/2 x 16	10	120
141301812	18 x 1/2 x 18	10	120
141301834	18 x 3/4 x 18	10	90
141302212	22 x 1/2 x 22	10	70
141302234	22 x 3/4 x 22	10	60
141302812	28 x 1/2 x 28	5	50
141302834	28 x 3/4 x 28	5	40
14130281	28 x 1 x 28	10	40
141303512	35 x 1/2 x 35		40
14130542	54 x 2 x 54		9

4180

AUG 051

Cross, female solder ends



Article No.	Dimension	Bag	Box
1418015	15	10	100
1418018	18	10	80
1418022	22	10	50
1418028	28	10	30

4243G

AUG 051

Male adaptor, with female solder end and male thread



Article No.	Dimension	Bag	Box
142431014	10 x 1/4	10	600
142431038	10 x 3/8	10	600
142431012	10 x 1/2	10	500
142431238	12 x 3/8	10	500
142431212	12 x 1/2	10	400
142431438	14 x 3/8	10	400
142431412	14 x 1/2	10	400
142431538	15 x 3/8	10	400
142431512	15 x 1/2	10	300
142431534	15 x 3/4	10	250
142431612	16 x 1/2	10	350
142431634	16 x 3/4	10	250
142431812	18 x 1/2	10	250
142431834	18 x 3/4	10	250
142432212	22 x 1/2	10	250
142432234	22 x 3/4	10	180
14243221	22 x 1	10	160
142432812	28 x 1/2	5	120
142432834	28 x 3/4	5	120
14243281	28 x 1	5	80
1424328114	28 x 1 1/4	10	90
142433534	35 x 3/4	10	80
14243351	35 x 1	2	50
1424335114	35 x 1 1/4	2	50
1424335112	35 x 1 1/2		60
1424342114	42 x 1 1/4		40
1424342112	42 x 1 1/2	2	36
14243422	42 x 2		36
1424354112	54 x 1 1/2	2	24
14243542	54 x 2	2	20
1424364212	64 x 2 1/2		14
1424367212	66,7 x 2 1/2	1	14
1424376212	76,1 x 2 1/2		12
14243763	76,1 x 3		10
14243803	80 x 3	1	6
14243893	88,9 x 3		8
142431084	108,0 x 4		2

Product catalogue | 2018 | (Series 4000)

4246G

AUG 051

Transition element, with male solder end and female thread



Article No.	Dimension	Bag	Box
142461238	12a x 3/8	10	400
142461212	12a x 1/2	10	300
142461538	15a x 3/8	10	400
142461512	15a x 1/2	10	300
142461812	18a x 1/2	10	250
142461834	18a x 3/4	10	200
142462212	22a x 1/2	10	200
142462234	22a x 3/4	10	200
142462834	28a x 3/4	10	150
14246281	28a x 1	5	100
1424635114	35a x 1 1/4		70
1424642112	42a x 1 1/2		40
14246542	54a x 2		24

4270G

AUG 051

Transition coupling, with female solder end and female thread



Article No.	Dimension	Bag	Box
1427035114	35 x 1 1/4		
1427035112	35 x 1 1/2	2	42
14270421	42 x 1		50
1427042114	42 x 1 1/4	2	40
1427042112	42 x 1 1/2		40
1427054112	54 x 1 1/2	2	24
14270542	54 x 2	2	18
14270642	64 x 2		18
1427064212	64 x 2 1/2	1	12
1427067212	66,7 x 2 1/2		12
1427076212	76,1 x 2 1/2		12
14270893	88,9 x 3		6

4270G

AUG 051

Transition coupling, with female solder end and female thread



Article No.	Dimension	Bag	Box
142701038	10 x 3/8	10	400
142701238	12 x 3/8	10	400
142701212	12 x 1/2	10	300
142701438	14 x 3/8	10	400
142701412	14 x 1/2	10	250
142701538	15 x 3/8	10	350
142701512	15 x 1/2	10	250
142701534	15 x 3/4	10	200
142701638	16 x 3/8	10	400
142701612	16 x 1/2	10	250
142701634	16 x 3/4	10	200
142701812	18 x 1/2	10	250
142701834	18 x 3/4	10	200
142702212	22 x 1/2	10	200
142702234	22 x 3/4	10	150
14270221	22 x 1	10	100
142702812	28 x 1/2	10	150
142702834	28 x 3/4	10	120
14270281	28 x 1	10	80
1427028114	28 x 1 1/4	10	60
142703534	35 x 3/4	10	80
14270351	35 x 1	10	70

4280G

AUG 051

Adaptor, with male solder end and male thread



Article No.	Dimension	Bag	Box
142801238	12a x 3/8	10	500
142801212	12a x 1/2	10	500
142801538	15a x 3/8	10	500
142801512	15a x 1/2	10	350
142801812	18a x 1/2	10	300
142802212	22a x 1/2	10	250
142802234	22a x 3/4	10	200
14280281	28a x 1	10	80
1428035114	35a x 1 1/4		40
1428042112	42a x 1 1/2		40
14280542	54a x 2		24

4330

AUG 051

Union, flat Centellen seal, female/female solder end



Article No.	Dimension	Bag	Box
1433012	12	5	200
1433015	15	5	120
1433018	18	5	120
1433022	22	5	100

Product catalogue | 2018 | (Series 4000)

4330

AUG 051

Union, flat Centellen seal, female/female solder end



Article No.	Dimension	Bag	Box
1433028	28	5	50
1433035	35	2	30
1433042	42	2	20
1433054	54	2	12

4330G

AUG 051

Union, flat Centellen seal, with female solder end and female thread



Article No.	Dimension	Bag	Box
143301238	12 x 3/8	5	250
143301512	15 x 1/2	5	120
143301534	15 x 3/4	5	120
143301812	18 x 1/2	5	120
143301834	18 x 3/4	5	120
143302234	22 x 3/4	5	80
14330221	22 x 1	5	70
14330281	28 x 1	5	50
1433035114	35 x 1 1/4	2	30
1433042112	42 x 1 1/2	2	20
14330542	54 x 2	2	12

4331G

AUG 051

Union, flat Centellen seal, with female solder end, insert with male thread



Article No.	Dimension	Bag	Box
143311238	12 x 3/8	5	200
143311512	15 x 1/2	5	120
143311612	16 x 1/2	5	150
143311812	18 x 1/2	5	120
143311834	18 x 3/4	5	80
143312212	22 x 1/2	5	120
143312234	22 x 3/4	5	80
14331221	22 x 1	5	50
14331281	28 x 1	5	50
1433135114	35 x 1 1/4	2	30
1433142112	42 x 1 1/2	2	20

4331G

AUG 051

Union, flat Centellen seal, with female solder end, insert with male thread



Article No.	Dimension	Bag	Box
14331542	54 x 2	2	10
1433164212	64 x 2 1/2	2	6

4333G

AUG 051

Union, flat Centellen seal, with female solder end, screwed insert with male thread



Article No.	Dimension	Bag	Box
143331512	15 x 1/2	5	150
143331812	18 x 1/2	5	150
143332234	22 x 3/4	5	80
14333221	22 x 1	5	70
14333281	28 x 1	5	40
1433335114	35 x 1 1/4	2	24
1433342112	42 x 1 1/2	2	20
14333542	54 x 2	2	10

4340

AUG 051

Union, conical sealing, female/female solder end



Article No.	Dimension	Bag	Box
1434010	10	o. r.	o. r.
1434012	12	5	200
1434015	15	5	120
1434018	18	5	120
1434022	22	5	100
1434028	28	5	50
1434035	35	2	30
1434042	42	2	20
1434054	54	2	12

Product catalogue | 2018 | (Series 4000)

4340G

AUG 051

Union, conical sealing, with female solder end, screwed insert with female thread



Article No.	Dimension	Bag	Box
143401212	12 x 1/2	5	150
143401538	15 x 3/8	5	120
143401512	15 x 1/2	5	120
143401534	15 x 3/4	5	120
143401634	16 x 3/4	5	120
143401812	18 x 1/2	5	120
143401834	18 x 3/4	5	120
143402212	22 x 1/2	5	80
143402234	22 x 3/4	5	80
14340221	22 x 1	5	70
14340281	28 x 1	5	50
1434035114	35 x 1 1/4	2	30
1434042112	42 x 1 1/2	2	20
14340542	54 x 2	2	12

4341G

AUG 051

Union, conical sealing, with female solder end, insert with male thread



Article No.	Dimension	Bag	Box
143411038	10 x 3/8	5	200
143411214	12 x 1/4	5	300
143411238	12 x 3/8	5	200
143411212	12 x 1/2	5	150
143411538	15 x 3/8	5	150
143411512	15 x 1/2	5	120
143411534	15 x 3/4	5	80
143411612	16 x 1/2	5	150
143411812	18 x 1/2	5	120
143411834	18 x 3/4	5	80
143412212	22 x 1/2	5	120
143412234	22 x 3/4	5	80
14341221	22 x 1	5	50
14341281	28 x 1	5	45
1434135114	35 x 1 1/4	2	30
1434142112	42 x 1 1/2	2	20

4341G

AUG 051

Union, conical sealing, with female solder end, insert with male thread



Article No.	Dimension	Bag	Box
14341542	54 x 2	2	10
1434164212	64 x 2 1/2	2	6
1434176212	76,1 x 2 1/2	1	5
14341893	88,9 x 3	2	4

4343G

AUG 051

Union, conical sealing, with female solder end, screwed insert with male thread



Article No.	Dimension	Bag	Box
143431014	10 x 1/4	5	
143431038	10 x 3/8	5	
143431238	12 x 3/8	5	150
143431212	12 x 1/2	5	150
143431512	15 x 1/2	5	150
143431812	18 x 1/2	5	150
143431834	18 x 3/4	5	120
143432234	22 x 3/4	5	80
14343281	28 x 1	5	40
1434335114	35 x 1 1/4	2	24
1434342112	42 x 1 1/2	2	20
14343542	54 x 2	2	10
1434364212	64 x 2 1/2	1	5
1434376212	76,1 x 2 1/2	1	4

4359G

AUG 051

Union adaptor, flat seal, female solder end



Article No.	Dimension	Bag	Box
143591212	12 x 1/2	5	300
143591534	15 x 3/4	5	200
143591834	18 x 3/4	5	200
14359181	18 x 1	5	150
14359221	22 x 1	5	150
1435922114	22 x 1 1/4	5	100
1435928114	28 x 1 1/4	5	70
1435928112	28 x 1 1/2	5	60
1435935112	35 x 1 1/2	2	60

Product catalogue | 2018 | (Series 4000)

4360G

AUG 051

Union adaptor, conical sealing, female solder end



Article No.	Dimension	Bag	Box
143601534	15 x 3/4	5	200
143601834	18 x 3/4	5	200

4370

AUG 051

Screwed insert, flat sealing, female solder end



Article No.	Dimension	Bag	Box
143701512	15 x 1/2		600
143701834	18 x 3/4		350
143702234	22 x 3/4		280
14370221	22 x 1		200
1437028114	28 x 1 1/4		150
1437035112	35 x 1 1/2		80

4370G

AUG 051

Screwed insert, flat sealing, female thread



Article No.	Dimension	Bag	Box
143701234B	1/2 x 3/4		350
14370341	3/4 x 1		180

4371G

AUG 051

Insert, flat sealing, male thread



Article No.	Dimension	Bag	Box
143713812	3/8 x 1/2		800
143711234	1/2 x 3/4		300
14371341	3/4 x 1		250
143711114	1 x 1 1/4		100

4372

AUG 051

Insert, flat sealing, female solder end



Article No.	Dimension	Bag	Box
143721534	15 x 3/4		600
143721834	18 x 3/4		600
14372181	18 x 1		400
14372221	22 x 1		350
1437222114	22 x 1 1/4		220
1437228114	28 x 1 1/4		150
1437228112	28 x 1 1/2		150

4374

AUG 051

Cap nut (brass)



Article No.	Dimension	Bag	Box
1437438	3/8		1400
1437412	1/2		800
1437458	5/8		600
1437434	3/4		450
143741	1		250
14374114	1 1/4		150
14374112	1 1/2		120
14374134	1 3/4		70
143742	2		50
14374214	2 1/4		40
14374238	2 3/8		40
14374234	2 3/4		25
143743	3		20
143744	4		8

4376G

AUG 501

Screwed insert, flat sealing, male thread



Article No.	Dimension	Bag	Box
14376G1234	1/2 x 3/4		300
14376G121	1/2 x 1		200
14376G341	3/4 x 1		150
14376G34114	3/4 x 1 1/4		100
14376G1112	1 x 1 1/2		40

Product catalogue | 2018 | (Series 4000)

4471G

AUG 051

Triangle wall plate flange, with female solder end and female thread



Article No.	Dimension	Bag	Box
144711238	12 x 3/8	10	200
144711212	12 x 1/2	10	150
144711412	14 x 1/2	10	150
144711512	15 x 1/2	10	120
144711812	18 x 1/2	10	120

4472G

AUG 051

Winged wall plate flange, with female solder end and female thread



Article No.	Dimension	Bag	Box
144721212	12 x 1/2	10	150
144721412	14 x 1/2	10	120
144721512	15 x 1/2	10	150
144721534	15 x 3/4	10	100
144721612	16 x 1/2	10	120
144721812	18 x 1/2	10	120
144721834	18 x 3/4	10	90
144722212	22 x 1/2	10	80
144722234	22 x 3/4	10	60

4490G

AUG 051

Ceiling tee, with female solder end and female thread



Article No.	Dimension	Bag	Box
144901512	15 x 1/2 x 15	10	80

4976

AUG 055

Mounting unit, female solder end and female thread, edged



Article No.	Dimension	Bag	Box
149761212	12 x 1/2 150 mm	10	28

4976

AUG 055

Mounting unit, female solder end and female thread, edged



Article No.	Dimension	Bag	Box
149761512	15 x 1/2 150 mm	10	20

4976-F

AUG 055

Mounting unit, female solder end and female thread, flat



Article No.	Dimension	Bag	Box
14976F1512	15 x 1/2 150 mm	10	20

DCU

AUG 602

Centellen seal, for copper/red brass and stainless steel unions, tested according to DIN 3535 Part 6, DIN DVGW

- made without asbestos
- max. temperature resistance 200 °C
- field of application: water, vapour, alcohols, glycols, oils based on hydrocarbons



Article No.	Dimension	Bag	Box	
1DCU12	1/2 nut 18 x 1 1 x 2	200	800	0,14
1DCU58	5/8 nut 20 x 10 x 2	150	600	0,16
1DCU34	3/4 nut 24 x 17 x 2	150	600	0,20
1DCU1	1 nut 30 x 2 1 x 2	100	400	0,38
1DCU114	1 1/4 nut 38 x 27 x 2	100	400	0,54
1DCU112	1 1/2 nut 44 x 32 x 2	100	400	0,70
1DCU134	1 3/4 nut 50 x 37 x 2	80	320	1,06
1DCU2	2 nut 55 x 42 x 2	60	240	1,28
1DCU214	2 1/4 nut 62 x 46 x 2	50	200	1,68
1DCU238	2 3/8 nut 65 x 55 x 2	50	200	1,78
1DCU212	2 1/2 nut 72 x 55 x 2	40	160	1,84
1DCU234	2 3/4 nut 78 x 60 x 2	30	120	1,84
1DCU3	3 nut 85 x 70 x 2	30	120	2,36
1DCU312	3 1/2 nut 97 x 75 x 2	20	80	2,46



CAPILLARY SOLDER FITTINGS | Copper

SA

(Series 5000 and fittings for hard soldering)



SA SOLDER FITTINGS

Series 5000

The SANHA series 5000 „SA“ consist of solder and transition fittings for copper pipes according to EN 1057 and EN 13348 for hard and soft soldering. All products are certified according to many national and international certification bodies.

SANHA capillary solder fittings are manufactured from copper (Cu-DHP, CW024A for moulded parts) and copper alloys CC499K (threaded parts, cast parts) and fulfill all requirements of BS EN 1254.

Maximum permissible operating pressures for copper pipes with SANHA® capillary solder fittings according to BS EN 1254-1

Connection type	Operating temperature	Outer pipe diameter		
		6...28 mm	35...54 mm	64...108 mm
Soft soldering	30 °C	40 bar	25 bar	16 bar
	65 °C	25 bar	16 bar	16 bar
	110 °C	16 bar	10 bar	10 bar
Hard soldering	30 °C	40 bar	25 bar	16 bar
	65 °C	25 bar	16 bar	16 bar
	110 °C	16 bar	10 bar	10 bar

Type of thread: R/Rp thread according to EN 10226,
Fastening thread: G thread according ISO 228

Please contact our Technical Support at technik@sanha.com for operating conditions not listed in the above table.

Features

- **Fast and reliable installation** thanks to the sealing feature in the thread and narrow manufacturing tolerances. The thread conforms with EN 10226 and ISO7/1 Type R and Rp.
- **Optimum corrosion resistance** due to the comparatively low carbon content of <0,5 mg C / dm².
- **Extensive portfolio:** SANHA offers all dimensions from 6 to 159 mm

Areas of application

Drinking water	Heating	Medical gases
Gas installations	Rainwater	Solar systems
Compressed air	Fire extinguishing system (wet)	Sprinkler systems (wet)
Inert gases	Cooling water pipes	

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5001A

AUG 052

Bend 90°, female/male solder end



Article No.	Dimension	Bag	Box
15001A6	6	10	3000
15001A8	8	10	2000
15001A10	10	10	1500
15001A12	12	10	900
15001A14	14	10	700
15001A15	15	10	550
15001A16	16	10	550
15001A18	18	10	350
15001A22	22	10	200
15001A28	28	5	100
15001A32	32	5	80
15001A35	35	2	50
15001A36	36	2	50
15001A40	40	2	40
15001A42	42	2	34
15001A52	52	2	16
15001A54	54	2	16
15001A64	64	1	22
15001A67	66,7		20
15001A70	70		20
15001A76	76,1	1	14
15001A80	80	1	12
15001A89	88,9	1	9
15001A108	108,0	1	4

5002A

AUG 052

Bend 90°, female/female solder end



Article No.	Dimension	Bag	Box
15002A6	6	10	3000
15002A8	8	10	2000
15002A10	10	10	1400
15002A12	12	10	1000
15002A14	14	10	550
15002A15	15	10	550
15002A16	16	10	500
15002A18	18	10	350

5002A

AUG 052

Bend 90°, female/female solder end



Article No.	Dimension	Bag	Box
15002A22	22	10	200
15002A28	28	5	100
15002A32	32	5	80
15002A35	35	2	50
15002A36	36		55
15002A40	40	2	40
15002A42	42	2	30
15002A52	52	2	16
15002A54	54	2	14
15002A64	64	1	25
15002A67	66,7	1	20
15002A70	70		18
15002A76	76,1	1	14
15002A80	80	1	12
15002A89	88,9	1	9
15002A108	108,0	1	4
15002A133	133		2
15002A159	159		1

5002G

AUG 052

Bend 90°, female solder end with nut



Article No.	Dimension	Bag	Box
15002G1412	14 x 1/2	5	170
15002G1512	15 x 1/2	5	170
15002G1812	18 x 1/2	5	150
15002G1834	18 x 3/4	5	90
15002G2234	22 x 3/4	5	90

5002L

AUG 052

Bend 90°, long, female/female solder end



Article No.	Dimension	Bag	Box
15002L18	18	10	300

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5040

AUG 052

Bend 45°, female/male solder end



Article No.	Dimension	Bag	Box
150406	6	10	2500
150408	8	10	1700
1504010	10	10	1800
1504012	12	10	1300
1504014	14	10	850
1504015	15	10	700
1504016	16	10	750
1504018	18	10	400
1504022	22	10	280
1504028	28	5	160
1504032	32	5	100
1504035	35	2	80
1504036	36		100
1504040	40	2	60
1504042	42	2	50
1504052	52	2	24
1504054	54	2	24
1504064	64	1	36
1504076	76,1	1	25
1504080	80	1	20
1504089	88,9	1	15
15040108	108,0	1	8

5041

AUG 052

Bend 45°, female/female solder end



Article No.	Dimension	Bag	Box
150416	6	10	2500
150418	8	10	1700
1504110	10	10	1500
1504112	12	10	1200
1504114	14	10	700
1504115	15	10	800
1504116	16	10	600
1504118	18	10	450
1504120	20	10	350
1504122	22	10	280

5041

AUG 052

Bend 45°, female/female solder end



Article No.	Dimension	Bag	Box
1504125	25	10	200
1504128	28	5	150
1504132	32	5	120
1504135	35	2	80
1504140	40	2	60
1504142	42	2	50
1504152	52	2	24
1504154	54	2	20
1504164	64	1	36
1504167	66,7		35
1504176	76,1	1	24
1504180	80		20
1504189	88,9	1	15
15041108	108,0	1	8
15041133	133		5
15041159	159		2

5060

AUG 052

Return bend, female/female solder end



Article No.	Dimension	Bag	Box
150608	8	10	1000
1506010	10	10	800
1506012	12	10	500
1506014	14	10	300
1506015	15	10	300
1506016	16	10	200
1506018	18	10	180
1506022	22	10	90
1506028	28	5	50
1506035	35	2	20
1506042	42	2	12
1506054	54	2	4

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5085

AUG 052

Crossover, female/female solder end



Article No.	Dimension	Bag	Box
1508512	12	10	300
1508514	14	10	200
1508515	15	10	150
1508516	16	10	180
1508518	18	10	120
1508522	22	10	70

5086

AUG 052

Crossover, female/male solder end



Article No.	Dimension	Bag	Box
1508612	12	10	400
1508614	14	10	250
1508615	15	10	250
1508616	16	10	250
1508618	18	10	180
1508622	22	10	100

5090

AUG 052

Elbow 90°, female/female solder end



Article No.	Dimension	Bag	Box
150906	6	10	3000
150908	8	10	2000
1509010	10	10	1800
1509012	12	10	1000
1509014	14	10	800
1509015	15	10	700
1509016	16	10	600
1509018	18	10	450
1509020	20	10	300
1509022	22	10	280
1509025	25	10	200
1509028	28	5	150

5090

AUG 052

Elbow 90°, female/female solder end



Article No.	Dimension	Bag	Box
1509032	32	5	100
1509035	35	2	70
1509036	36	2	50
1509040	40	2	40
1509042	42	2	44
1509052	52	2	20
1509054	54	2	20
1509064	64	1	30
1509067	66,7		25
1509070	70	1	25
1509076	76,1	1	20
1509089	88,9	1	12
1509108	108,0	1	6

5092

AUG 052

Elbow 90°, female/male solder end



Article No.	Dimension	Bag	Box
150926	6	10	2000
150928	8	10	2000
1509210	10	10	1500
1509212	12	10	1200
1509214	14	10	800
1509215	15	10	700
1509216	16	10	600
1509218	18	10	400
1509222	22	10	250
1509228	28	5	130
1509232	32	5	100
1509235	35	2	60
1509236	36	2	60
1509240	40	2	50
1509242	42	2	40
1509252	52	2	20
1509254	54	2	20
1509267	66,7	1	25

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5130

AUG 052

Tee, female solder ends



Article No.	Dimension	Bag	Box
151306	6	10	3000
151308	8	10	1500
1513010	10	10	1000
1513012	12	10	800
1513014	14	10	500
1513015	15	10	500
1513016	16	10	400
1513018	18	10	300
1513020	20	10	200
1513022	22	10	160
1513028	28	5	80
1513032	32	5	60
1513035	35	2	50
1513036	36		50
1513040	40	2	36
1513042	42	2	30
1513052	52	2	14
1513054	54	2	14
1513064	64	1	20
1513067	66,7	1	20
1513070	70	1	20
1513076	76,1	1	16
1513080	80	1	15
1513089	88,9	1	8
15130108	108,0	1	5
15130686	6 x 8 x 6	10	1600
15130866	8 x 6 x 6	10	2000
15130868	8 x 6 x 8	10	2000
151308108	8 x 10 x 8	10	1200
1513010610	10 x 6 x 10	10	1300
1513010810	10 x 8 x 10	10	1200
15130101210	10 x 12 x 10	10	800
15130101510	10 x 15 x 10	10	500
1513012612	12 x 6 x 12	10	1000
1513012812	12 x 8 x 12	10	1000
15130121010	12 x 10 x 10	10	1000
15130121012	12 x 10 x 12	10	1000
15130121210	12 x 12 x 10	10	800
15130121412	12 x 14 x 12	10	600
15130121512	12 x 15 x 12	10	500
15130121612	12 x 16 x 12	10	450
15130121812	12 x 18 x 12	10	350
15130141014	14 x 10 x 14	10	700
15130141212	14 x 12 x 12	10	550

5130

AUG 052

Tee, female solder ends



Article No.	Dimension	Bag	Box
15130141214	14 x 12 x 14	10	550
15130141412	14 x 14 x 12	10	600
15130141614	14 x 16 x 14	10	500
15130141814	14 x 18 x 14	10	300
1513015615	15 x 6 x 15	10	700
1513015815	15 x 8 x 15	10	650
15130151012	15 x 10 x 12	10	600
15130151015	15 x 10 x 15	10	600
15130151212	15 x 12 x 12	10	600
15130151215	15 x 12 x 15	10	500
15130151415	15 x 14 x 15	10	500
15130151512	15 x 15 x 12	10	500
15130151815	15 x 18 x 15	10	300
15130152215	15 x 22 x 15	10	200
1513016616	16 x 6 x 16	10	700
15130161016	16 x 10 x 16	10	550
15130161212	16 x 12 x 12	10	600
15130161214	16 x 12 x 14	10	500
15130161216	16 x 12 x 16	10	500
15130161412	16 x 14 x 12	10	500
15130161414	16 x 14 x 14	10	500
15130161416	16 x 14 x 16	10	500
15130161612	16 x 16 x 12	10	450
15130161614	16 x 16 x 14	10	400
15130161814	16 x 18 x 14	10	300
15130161816	16 x 18 x 16	10	300
15130162216	16 x 22 x 16	10	200
1513018618	18 x 6 x 18	10	450
15130181018	18 x 10 x 18	10	400
15130181212	18 x 12 x 12	10	400
15130181214	18 x 12 x 14	10	400
15130181215	18 x 12 x 15	10	400
15130181216	18 x 12 x 16	10	400
15130181218	18 x 12 x 18	10	380
15130181412	18 x 14 x 12	10	350
15130181414	18 x 14 x 14	10	350
15130181416	18 x 14 x 16	10	350
15130181418	18 x 14 x 18	10	350
15130181512	18 x 15 x 12	10	350
15130181515	18 x 15 x 15	10	360
15130181518	18 x 15 x 18	10	300
15130181614	18 x 16 x 14	10	350
15130181616	18 x 16 x 16	10	350
15130181618	18 x 16 x 18	10	300

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5130

AUG 052

Tee, female solder ends



Article No.	Dimension	Bag	Box
15130181812	18 x 18 x 12	10	300
15130181814	18 x 18 x 14	10	300
15130181815	18 x 18 x 15	10	300
15130181816	18 x 18 x 16	10	300
15130182215	18 x 22 x 15	10	200
15130182218	18 x 22 x 18	10	200
1513022622	22 x 6 x 22	10	250
15130221022	22 x 10 x 22	10	270
15130221212	22 x 12 x 12	10	250
15130221214	22 x 12 x 14	10	300
15130221222	22 x 12 x 22	10	250
15130221414	22 x 14 x 14	10	280
15130221418	22 x 14 x 18	10	250
15130221422	22 x 14 x 22	10	250
15130221512	22 x 15 x 12	10	250
15130221515	22 x 15 x 15	10	250
15130221518	22 x 15 x 18	10	250
15130221522	22 x 15 x 22	10	200
15130221616	22 x 16 x 16	10	250
15130221618	22 x 16 x 18	10	250
15130221622	22 x 16 x 22	10	200
15130221814	22 x 18 x 14	10	250
15130221815	22 x 18 x 15	10	250
15130221816	22 x 18 x 16	10	250
15130221818	22 x 18 x 18	10	250
15130221822	22 x 18 x 22	10	200
15130222214	22 x 22 x 14	10	200
15130222215	22 x 22 x 15	10	200
15130222216	22 x 22 x 16	10	200
15130222218	22 x 22 x 18	10	180
15130222822	22 x 28 x 22	5	100
15130281028	28 x 10 x 28	5	140
15130281228	28 x 12 x 28	5	140
15130281428	28 x 14 x 28	5	140
15130281515	28 x 15 x 15	10	140
15130281522	28 x 15 x 22	5	120
15130281528	28 x 15 x 28	5	140
15130281616	28 x 16 x 16	5	180
15130281628	28 x 16 x 28	5	130
15130281818	28 x 18 x 18	5	140
15130281822	28 x 18 x 22	5	120
15130281828	28 x 18 x 28	5	120
15130282215	28 x 22 x 15	10	130
15130282222	28 x 22 x 22	5	100

5130

AUG 052

Tee, female solder ends



Article No.	Dimension	Bag	Box
15130282228	28 x 22 x 28	5	100
15130282815	28 x 28 x 15	5	100
15130282816	28 x 28 x 16	5	100
15130282818	28 x 28 x 18	5	100
15130282822	28 x 28 x 22	5	80
15130283528	28 x 35 x 28	2	50
15130322232	32 x 22 x 32	5	90
15130322832	32 x 28 x 32	5	80
15130351528	35 x 15 x 28	2	100
15130351535	35 x 15 x 35	2	80
15130351828	35 x 18 x 28	2	100
15130351835	35 x 18 x 35	2	80
15130352228	35 x 22 x 28	2	80
15130352235	35 x 22 x 35	2	60
15130352828	35 x 28 x 28	2	80
15130352835	35 x 28 x 35	2	50
15130353515	35 x 35 x 15	2	50
15130353522	35 x 35 x 22	2	60
15130353528	35 x 35 x 28	2	54
15130354235	35 x 42 x 35		40
15130421542	42 x 15 x 42		60
15130421842	42 x 18 x 42		60
15130422242	42 x 22 x 42	2	40
15130422828	42 x 28 x 28	2	50
15130422835	42 x 28 x 35	2	50
15130422842	42 x 28 x 42	2	40
15130423535	42 x 35 x 35	2	40
15130423542	42 x 35 x 42	2	30
15130424228	42 x 42 x 28	2	36
15130425442	42 x 54 x 42	2	14
15130542254	54 x 22 x 54	2	26
15130542842	54 x 28 x 42		30
15130542854	54 x 28 x 54	2	22
15130543554	54 x 35 x 54	2	20
15130544242	54 x 42 x 42		20
15130544254	54 x 42 x 54	2	16
15130545442	54 x 54 x 42		15
15130643564	64 x 35 x 64	1	30
15130644264	64 x 42 x 64	1	30
15130645464	64 x 54 x 64	1	25
15130763576	76,1 x 35 x 76,1	1	24
15130764276	76,1 x 42 x 76,1	1	20
15130765476	76,1 x 54 x 76,1	1	18
15130766476	76,1 x 64 x 76,1	1	16

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5130

AUG 052

Tee, female solder ends



Article No.	Dimension	Bag	Box
15130893589	88,9 x 35 x 88,9	1	20
15130894289	88,9 x 42 x 88,9	1	18
15130895489	88,9 x 54 x 88,9	1	12
15130896489	88,9 x 64 x 88,9		12
15130897689	88,9 x 76,1 x 88,9	1	12
1513010854108	108,0 x 54 x 108,0	1	8
1513010864108	108,0 x 64 x 108,0	1	8
1513010876108	108,0 x 76,1 x 108,0	1	7
1513010889108	108,0 x 88,9 x 108,0	1	5

5240

AUG 052

Reducing coupling, female/female solder end



Article No.	Dimension	Bag	Box
152402215	22 x 15	10	500
152402216	22 x 16	10	500
152402218	22 x 18	10	500
152402220	22 x 20	10	400
152402812	28 x 12	5	300
152402814	28 x 14	5	280
152402815	28 x 15	5	300
152402816	28 x 16	5	280
152402818	28 x 18	5	280
152402820	28 x 20	10	280
152402822	28 x 22	5	280
152403218	32 x 18	10	220
152403222	32 x 22	5	200
152403228	32 x 28	5	180
152403515	35 x 15	2	160
152403518	35 x 18	2	160
152403522	35 x 22	2	150
152403528	35 x 28	2	140
152403628	36 x 28	2	140
152403632	36 x 32	2	130
152404028	40 x 28	2	80
152404032	40 x 32	2	100
152404036	40 x 36	2	120
152404218	42 x 18	2	100
152404222	42 x 22	2	90
152404228	42 x 28	2	80
152404232	42 x 32	2	80
152404235	42 x 35	2	80
152405232	52 x 32	2	60
152405240	52 x 40	2	46
152405242	52 x 42	2	40
152405422	54 x 22	2	60
152405428	54 x 28	2	40
152405435	54 x 35	2	50
152405442	54 x 42	2	40
152406435	64 x 35	1	30
152406442	64 x 42	1	25
152406454	64 x 54	1	25
152406754	66,7 x 54	1	25
152407054	70 x 54	1	30
152407654	76,1 x 54	1	15
152407664	76,1 x 64	1	20

5240

AUG 052

Reducing coupling, female/female solder end



Article No.	Dimension	Bag	Box
1524086	8 x 6	10	3000
15240106	10 x 6	10	2000
15240108	10 x 8	10	2000
15240126	12 x 6	10	2000
15240128	12 x 8	10	2000
152401210	12 x 10	10	1500
152401410	14 x 10	10	1400
152401412	14 x 12	10	1000
15240158	15 x 8	10	1200
152401510	15 x 10	10	1200
152401512	15 x 12	10	1100
152401514	15 x 14	10	1000
152401610	16 x 10	10	1200
152401612	16 x 12	10	1200
152401614	16 x 14	10	1000
152401615	16 x 15	10	1000
152401810	18 x 10	10	900
152401812	18 x 12	10	900
152401814	18 x 14	10	800
152401815	18 x 15	10	800
152401816	18 x 16	10	700
152402018	20 x 18	10	500
152402210	22 x 10	10	500
152402212	22 x 12	10	500
152402214	22 x 14	10	500

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5240

AUG 052

Reducing coupling, female/female solder end



Article No.	Dimension	Bag	Box
152407667	76,1 x 66,7	1	30
152408054	80 x 54	1	35
152408076	80 x 76,1	1	20
152408976	88,9 x 76,1	1	10
1524010889	108,0 x 88,9	1	10
1524013376	133 x 76,1	1	14
15240133108	133 x 108,0	1	16
15240159133	159 x 133	1	6

5240G

AUG 052

Union adaptor with centred flat sealing, female solder end



Article No.	Dimension	Bag	Box
15240G1512	15 x 1/2	5	200
15240G1534	15 x 3/4	5	120
15240G1812	18 x 1/2	5	170
15240G1834	18 x 3/4	5	120
15240G2212	22 x 1/2	5	130
15240G2234	22 x 3/4	5	120

5243

AUG 052

Fitting reducer, with female and male solder end



Article No.	Dimension	Bag	Box
1524386	8a x 6	10	3000
15243106	10a x 6	10	3000
15243108	10a x 8	10	3000
15243126	12a x 6	10	2000
15243128	12a x 8	10	2000
152431210	12a x 10	10	2000
152431410	14a x 10	10	1300
152431412	14a x 12	10	1200
15243158	15a x 8	10	1500
152431510	15a x 10	10	1300
152431512	15a x 12	10	1200
152431514	15a x 14	10	1000
152431610	16a x 10	10	1200
152431612	16a x 12	10	1100

5243

AUG 052

Fitting reducer, with female and male solder end



Article No.	Dimension	Bag	Box
152431614	16a x 14	10	1000
152431615	16a x 15	10	1000
152431810	18a x 10	10	1000
152431812	18a x 12	10	800
152431814	18a x 14	10	800
152431815	18a x 15	10	800
152431816	18a x 16	10	800
152432014	20a x 14	10	600
152432210	22a x 10	10	600
152432212	22a x 12	10	600
152432214	22a x 14	10	550
152432215	22a x 15	10	550
152432216	22a x 16	10	550
152432218	22a x 18	10	500
152432220	22a x 20	10	450
152432812	28a x 12	5	300
152432814	28a x 14	5	300
152432815	28a x 15	5	300
152432816	28a x 16	5	300
152432818	28a x 18	5	300
152432820	28a x 20	5	
152432822	28a x 22	5	280
152433218	32a x 18	5	200
152433222	32a x 22	5	200
152433228	32a x 28	5	160
152433515	35a x 15	2	180
152433518	35a x 18	2	160
152433522	35a x 22	2	140
152433528	35a x 28	2	140
152433628	36a x 28	2	170
152434028	40a x 28	2	120
152434032	40a x 32	2	100
152434036	40a x 36	2	120
152434215	42a x 15	2	90
152434218	42a x 18	2	140
152434222	42a x 22	2	100
152434228	42a x 28	2	100
152434232	42a x 32	2	100
152434235	42a x 35	2	80
152435422	54a x 22	2	60
152435428	54a x 28	2	60
152435435	54a x 35	2	50
152435442	54a x 42	2	40
152436435	64a x 35	1	25

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5243

AUG 052

Fitting reducer, with female and male solder end



Article No.	Dimension	Bag	Box
152436442	64a x 42	1	30
152436454	64a x 54	1	30
152436742	66,7a x 42	1	30
152436754	66,7a x 54	1	25
152437054	70a x 54	1	30
152437064	70a x 64	1	30
152437635	76,1a x 35	1	30
152437642	76,1a x 42	1	50
152437654	76,1a x 54	1	20
152437664	76,1a x 64	1	20
152437667	76,1a x 66,7	1	20
152438054	80a x 54	1	15
152438064	80a x 64	1	35
152438076	80a x 76,1	1	24
152438954	88,9a x 54	1	22
152438964	88,9a x 64	1	14
152438976	88,9a x 76,1	1	21
1524310854	108,0a x 54	1	10
1524310864	108,0a x 64	1	6
1524310876	108,0a x 76,1	1	6
1524310889	108,0a x 88,9	1	6
1524313376	133a x 76,1	1	16
1524313389	133a x 88,9	1	16
15243159108	159a x 108,0	1	6

5270

AUG 052

Coupling, female/female solder end



Article No.	Dimension	Bag	Box
152706	6	10	3500
152708	8	10	3000
1527010	10	10	1700
1527012	12	10	1500
1527014	14	10	1200
1527015	15	10	1000
1527016	16	10	1000
1527018	18	10	700
1527020	20	10	400
1527022	22	10	400
1527025	25	10	300

5270

AUG 052

Coupling, female/female solder end



Article No.	Dimension	Bag	Box
1527028	28	5	200
1527032	32	5	150
1527035	35	2	100
1527036	36	2	100
1527040	40	2	70
1527042	42	2	70
1527052	52	2	40
1527054	54	2	36
1527064	64	1	25
1527067	66,7	1	36
1527070	70	1	30
1527076	76,1	1	15
1527089	88,9	1	12
15270108	108,0	1	6
15270133	133	1	15
15270159	159	1	6

5270S

AUG 052

Slip coupling, female/female solder end



Article No.	Dimension	Bag	Box
15270S12	12	10	1500
15270S14	14	10	1200
15270S15	15	10	1000
15270S18	18	10	800
15270S22	22	10	400
15270S28	28	5	250
15270S35	35	2	120
15270S42	42	2	84
15270S54	54	2	50

5301

AUG 052

Cap, female solder end



Article No.	Dimension	Bag	Box
153018	8	10	3000
1530110	10	10	3000

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

5301

AUG 052

Cap, female solder end



Article No.	Dimension	Bag	Box
1530112	12	10	2500
1530114	14	10	2000
1530115	15	10	1500
1530116	16	10	1200
1530118	18	10	1000
1530122	22	10	800
1530128	28	5	400
1530135	35	2	230
1530142	42	2	150
1530154	54		90
1530164	64	1	60
1530167	66,7	1	60
1530176	76,1	1	40
1530189	88,9	1	35
15301108	108,0	1	12

5343G

AUG 052

Union adaptor, flat Centellen seal, female solder end



Article No.	Dimension	Bag	Box
153431512	15 x 1/2	5	150

5359G

AUG 052

Union adaptor with flat Centellen seal, female solder end



Article No.	Dimension	Bag	Box
153591212	12 x 1/2	5	200
153591412	14 x 1/2	5	200
153591434	14 x 3/4	5	130
153591512	15 x 1/2	5	200
153591534	15 x 3/4	5	130
153591612	16 x 1/2	5	200
153591634	16 x 3/4	5	100
153591834	18 x 3/4	5	110
153592234	22 x 3/4	5	110
15359221	22 x 1	5	80

5872

AUG 052

Expansion compensator, 3 bar, 110 °C, copper expansion couplings with female solder ends, for heating and sanitary systems, 7 mm elongation range



Article No.	Dimension	Bag	Box
1587215	15	5	80
1587218	18	5	60
1587222	22	5	50
1587228	28	5	40
1587235	35	5	30

BM-LF

AUG 255

Bimetallic solder flange PN 10/16



Article No.	Dimension	Bag	Box
1BMLF42	DN 40 / 42 mm		4
1BMLF54	DN 50 / 54 mm		2
1BMLF76	DN 65 / 76,1 mm		4
1BMLF89	DN 80 / 88,9 mm		2
1BMLF108	DN 100 / 108,0 mm		2

DCU

AUG 602

Centellen seal, for copper/red brass and stainless steel unions, tested according to DIN 3535 Part 6, DIN DVGW – made without asbestos – max. temperature resistance 200 °C – field of application: water, vapour, alcohols, glycols, oils based on hydrocarbons



Article No.	Dimension	Bag	Box
1DCU12	1/2 nut 18 x 1 1 x 2	200	800
1DCU58	5/8 nut 20 x 10 x 2	150	600
1DCU34	3/4 nut 24 x 17 x 2	150	600
1DCU1	1 nut 30 x 2 1 x 2	100	400
1DCU114	1 1/4 nut 38 x 27 x 2	100	400
1DCU112	1 1/2 nut 44 x 32 x 2	100	400
1DCU134	1 3/4 nut 50 x 37 x 2	80	320
1DCU2	2 nut 55 x 42 x 2	60	240
1DCU214	2 1/4 nut 62 x 46 x 2	50	200
1DCU238	2 3/8 nut 65 x 55 x 2	50	200
1DCU212	2 1/2 nut 72 x 55 x 2	40	160
1DCU234	2 3/4 nut 78 x 60 x 2	30	120
1DCU3	3 nut 85 x 70 x 2	30	120
1DCU312	3 1/2 nut 97 x 75 x 2	20	80

Product catalogue | 2018 | (Series 5000 and fittings for hard soldering)

WBS H

AUG 201

Slip-on collar for hard soldering,
DIN 1092-1



Article No.	Dimension	Bag	Box
1WBS2215H	22 x 1,5		300
1WBS2815H	28 x 1,5		300
1WBS3515H	35 x 1,5		200
1WBS4215H	42 x 1,5		100
1WBS422H	42 x 2		100
1WBS542H	54 x 2		80
1WBS642H	64 x 2		50
1WBS672H	66,7 x 2		50
1WBS762H	76,1 x 2		45
1WBS802H	80 x 2		40
1WBS892H	88,9 x 2		40
1WBS1042H	104 x 2		20
1WBS10825H	108,0 x 2,5		20
1WBS1333H	133 x 3		12
1WBS2673H	267 x 3		4



HIGH-PRESSURE SOLDER FITTINGS

SANHA RefHP

(Series 29000)

SANHA RefHP

Series 29000

In air conditioning and refrigeration technology, particularly in commercial and industrial refrigeration systems, environmentally friendly solutions are becoming more and more important. Optimum results are being obtained by an increase in efficiency and the use of ecologically safe refrigerants such as CO₂ (R744), which are mainly used in the transcritical part with higher operating pressures. However, the use of CO₂ leads to higher operating pressures potentially up to 130 bar.

SANHA Ref HP fittings are specifically designed for such operating pressures. They are ideally suited for pipes in refrigeration systems with a maximum operating pressure of up to 130 bar (other pressures on request), a minimum temperature of -196 °C and a maximum temperature of 150 °C for fluids in Group 2 according to European Pressure Equipment Directive (PED 97 / 23 / EC). Dimensions and tolerances for capillary joints in accordance with the EN 14276-1, Annex B with pipes according to EN 378-2 and EN 14276-2. Fittings and pipes must be connected with silver solder with min. 5 % Ag according to EN ISO 17672 (SANHA article number 84938). We also recommend the use of a flux FH 10 in accordance with DIN EN 1045 for brazing of copper alloys. The installation of the fittings must be in compliance with all relevant technical rules and regulations, in particular DIN EN 378-2 "Refrigeration systems and heat pumps", must be followed in detail. SANHA Ref HP fittings are marked with the engraving "SA CuFe" and the respective dimension.

Operating conditions for SANHA Ref HP high pressure fittings from CuFeP2

Outer pipe diameter	Operating pressure
$d \leq 2 \frac{1}{8}"$	130 bar
Operating temperature	-196 °C - +150 °C

Features

General advantages of our high pressure solder fittings

- Ideal for use in high-pressure applications such as refrigeration and air-conditioning systems, especially for CO₂ systems
- For pressures up to 130 bar
- RefHP fittings are compatible with all three CuFe pipe types available on the market, offering a high degree of flexibility:
 - KME – CL12
 - HALCOR – TALOS XS
 - Wieland – K65
- SANHA has more than 50 years of experience in the production of solder fittings and maintains very close manufacturing tolerances.
- Cost competitive to K65
- Highest European quality through production at our own plant in Ternat, Belgium.
- Wide range of fittings up to 2 1/8".
- Optimum cleaning of the fittings results in a carbon value of <0.5mg C/dm². This is decisive for the quality of the soldered connection as carbon residues can lead to pitting corrosion at higher soldering temperatures.
- Easy recognition before and after installation: Pipes and fittings are clearly marked so that all components can be identified at a glance. In addition, the material is slightly magnetic and can be easily distinguished from copper using a neodymium magnet – a very practical advantage!
- Corrosion-proof material
- The highly stable CuFe2P ensures easy and cost-effective installation.
- Excellent machining properties, no toxic chemical elements.
- Makes a significant contribution to an energy-efficient and environmentally-friendly cooling system:
 - Compared to conventional systems, as much as 25 % energy can be saved in transcritical CO₂ systems!
 - This is particularly important for supermarkets, where cooling systems operate 24/7.
- Suitable for installation under the European Pressure Equipment Directive.
- Transition fittings available in metric sizes.

Advantages over TIG welding of stainless steel

- The lower weight compared to stainless steel reduces installation costs, material use and improves handling.
- Quick and easy installation thanks to proven and installer-friendly soldering technology compared to TIG welding.

Areas of application

Refrigeration systems	High pressure
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 29000)

29001A

AUG 057

Bend 90° M/F



Article No.	Dimension	Bag	Box
129001A38	3/8	10	600
129001A12	1/2	10	400
129001A58	5/8	10	250
129001A34	3/4	10	130
129001A78	7/8	10	100
129001A118	1 1/8	5	50
129001A138	1 3/8	2	20
129001A158	1 5/8	2	14
129001A218	2 1/8	o.r.	o.r.

29040

AUG 057

Bend 45° M/F



Article No.	Dimension	Bag	Box
129040138	1 3/8	2	30
129040158	1 5/8	2	20
129040218	2 1/8	o.r.	o.r.

29041

AUG 057

Bend 45° F/F



Article No.	Dimension	Bag	Box
12904138	3/8	10	o.r.
12904112	1/2	10	o.r.
12904158	5/8	10	o.r.
12904134	3/4	10	200
12904178	7/8	10	120
129041118	1 1/8	5	60
129041138	1 3/8	2	30
129041158	1 5/8	2	20
129041218	2 1/8	o.r.	o.r.

29002A

AUG 057

Bend 90° F/F



Article No.	Dimension	Bag	Box
129002A38	3/8	10	600
129002A12	1/2	10	400
129002A58	5/8	10	200
129002A34	3/4	10	130
129002A78	7/8	10	80
129002A118	1 1/8	5	40
129002A138	1 3/8	2	20
129002A158	1 5/8	2	14
129002A218	2 1/8	o.r.	o.r.

29130

AUG 057

Tee



Article No.	Dimension	Bag	Box
12913038	3/8	10	500
12913012	1/2	10	350
12913058	5/8	10	200
12913034	3/4	10	100
12913078	7/8	10	75
129130118	1 1/8	5	35
129130138	1 3/8	2	20
129130158	1 5/8	2	12
129130123838	1/2 x 3/8 x 3/8	10	o.r.
129130123812	1/2 x 3/8 x 1/2	o.r.	o.r.
129130121238	1/2 x 1/2 x 3/8	10	o.r.
129130583858	5/8 x 3/8 x 5/8	o.r.	o.r.

29040

AUG 057

Bend 45° M/F



Article No.	Dimension	Bag	Box
12904038	3/8	10	o.r.
12904012	1/2	10	o.r.
12904058	5/8	10	o.r.
12904034	3/4	10	200
12904078	7/8	10	120
129040118	1 1/8	5	60

Product catalogue | 2018 | (Series 29000)

29130

AUG 057

Tee



Article No.	Dimension	Bag	Box	
129130581212	5/8 x 1/2 x 1/2	10	200	
129130585838	5/8 x 5/8 x 3/8	10	200	
129130585812	5/8 x 5/8 x 1/2	10	200	
129130581258	5/8 x 1/2 x 5/8	o.r.	o.r.	
129130343458	3/4 x 3/4 x 5/8	10	120	
129130341234	3/4 x 1/2 x 3/4	o.r.	o.r.	
129130345834	3/4 x 5/8 x 3/4	o.r.	o.r.	
129130343412	3/4 x 3/4 x 1/2	o.r.	o.r.	
129130787834	7/8 x 7/8 x 3/4	10	80	
129130781278	7/8 x 1/2 x 7/8	o.r.	o.r.	
129130785878	7/8 x 5/8 x 7/8	o.r.	o.r.	
129130783478	7/8 x 3/4 x 7/8	o.r.	o.r.	
129130787812	7/8 x 7/8 x 1/2	o.r.	o.r.	
129130787858	7/8 x 7/8 x 5/8	o.r.	o.r.	
1291301187812	1 1/8 x 7/8 x 1/2	5	45	
12913011811878	1 1/8 x 1 1/8 x 7/8	5	o.r.	
12913013813878	1 3/8 x 1 3/8 x 7/8	2	o.r.	
12913011834118	1 1/8 x 3/4 x 1 1/8	o.r.	o.r.	
12913011878118	1 1/8 x 7/8 x 1 1/8	o.r.	o.r.	
12913011811834	1 1/8 x 1 1/8 x 3/4	o.r.	o.r.	
129130138138118	1 3/8 x 1 3/8 x 1 3/8	2	o.r.	
12913013834138	1 3/8 x 3/4 x 1 3/8	o.r.	o.r.	
12913013878138	1 3/8 x 7/8 x 1 3/8	o.r.	o.r.	
129130138118138	1 3/8 x 1 1/8 x 1 3/8	o.r.	o.r.	
12913013813834	1 3/8 x 1 3/8 x 3/4	o.r.	o.r.	
129130158118158	1 5/8 x 1 1/8 x 1 5/8	o.r.	o.r.	
129130158138158	1 5/8 x 1 3/8 x 1 5/8	o.r.	o.r.	
12913015815878	1 5/8 x 1 5/8 x 7/8	o.r.	o.r.	
129130158158118	1 5/8 x 1 5/8 x 1 1/8	o.r.	o.r.	
129130218158218	1 5/8 x 1 5/8 x 1 3/8	o.r.	o.r.	
129130158158138	1 5/8 x 1 5/8 x 1 3/8	2	14	
129130218	2 1/8	o.r.	o.r.	

29240

AUG 057

Reducing coupling



Article No.	Dimension	Bag	Box	
1292401238	1/2 x 3/8	o.r.	o.r.	
1292405812	5/8 x 3/8	o.r.	o.r.	
1292403458	3/4 x 5/8	o.r.	o.r.	
1292407834	7/8 x 3/4	o.r.	o.r.	
12924011812	1 1/8 x 1/2	o.r.	o.r.	
12924011878	1 1/8 x 7/8	o.r.	o.r.	
12924013812	1 3/8 x 1/2	o.r.	o.r.	
12924013858	1 3/8 x 5/8	o.r.	o.r.	
12924013834	1 3/8 x 3/4	o.r.	o.r.	
12924013878	1 3/8 x 7/8	o.r.	o.r.	
129240138118	1 3/8 x 1 1/8	o.r.	o.r.	
12924015834	1 5/8 x 3/4	o.r.	o.r.	
12924015878	1 5/8 x 7/8	o.r.	o.r.	
129240158118	1 5/8 x 1 1/8	o.r.	o.r.	
129240158138	1 5/8 x 1 3/8	o.r.	o.r.	

29243

AUG 057

Reducer



Article No.	Dimension	Bag	Box	
1292431238	1/2a x 3/8	10	o.r.	
1292435838	5/8a x 3/8	10	o.r.	
1292435812	5/8a x 1/2	10	o.r.	
1292433438	3/4a x 3/8	10	o.r.	
1292433412	3/4a x 1/2	10	o.r.	
1292433458	3/4a x 5/8	10	o.r.	
1292437838	7/8a x 3/8	10	o.r.	
1292437812	7/8a x 1/2	10	o.r.	
1292437858	7/8a x 5/8	10	o.r.	
1292437834	7/8a x 3/4	10	o.r.	
12924311812	1 1/8a x 1/2	o.r.	o.r.	
12924311858	1 1/8a x 5/8	5	o.r.	
12924311834	1 1/8a x 3/4	5	o.r.	
12924311878	1 1/8a x 7/8	5	o.r.	
129243138118	1 3/8a x 1 1/8	2	o.r.	
12924315878	1 5/8a x 7/8	o.r.	o.r.	
129243158138	1 5/8a x 1 3/8	2	o.r.	
129243218118	2 1/8a x 1 1/8	o.r.	o.r.	
129243218158	2 1/8a x 1 5/8	o.r.	o.r.	

Product catalogue | 2018 | (Series 29000)

29243IM

AUG 057

Reducer



Article No.	Dimension	Bag	Box	
129243IM1212	1/2a x 12	10	600	
129243IM5815	5/8a x 15	10	400	
129243IM3418	3/4a x 18	10	250	
129243IM7822	7/8a x 22	10	200	
129243IM11828	1 1/8a x 28	5	90	
129243IM13835	1 3/8a x 35	2	44	
129243IM15842	1 5/8a x 42	2	26	

29270

AUG 057

Coupling



Article No.	Dimension	Bag	Box	
12927038	3/8	10	o. r.	
12927012	1/2	10	500	
12927058	5/8	10	300	
12927034	3/4	10	200	
12927078	7/8	10	150	
129270118	1 1/8	5	70	
129270138	1 3/8	2	40	
129270158	1 5/8	2	24	
129270218	2 1/8	o. r.	o. r.	

29301

AUG 057

End cap



Article No.	Dimension	Bag	Box	
12930138	3/8	10	o. r.	
12930112	1/2	10	o. r.	
12930158	5/8	10	o. r.	
12930134	3/4	10	o. r.	
12930178	7/8	10	o. r.	
129301118	1 1/8	5	70	
129301138	1 3/8	2	60	
129301158	1 5/8	2	o. r.	
129301218	2 1/8	o. r.	o. r.	



CAPILLARY SOLDER FITTINGS

Soldering accessories



SOLDERING ACCESSORIES

Solder and solder paste from SANHA according to DIN EN 29453 and 29454 or DVGW GW 2 and GW 7, brazing rods in accordance with DIN EN 1044 and DIN 8513, optimally suited for SANHA capillary series "SA" 4000 / 5000 (see chapters 22 and 23). Our extensive accessory programme is supplemented by water-soluble solder flux for soft soldering of surfaces, a cleaning pad and a cleaning brush for the inside.

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

4933

AUG 521

Soft solder no. 3 S-Sn97Cu3-DIN EN 29453, DVGW work sheets GW 2 and GW 7, soft solder wire 2/3 mm diameter, melting range from 230 to 250 °C, spool of 250 g



Article No.	Dimension	Bag	Box
84933	3 mm		60
84933.2	2,0 mm		60
84933.25	2,5 mm		o. r.

4934

AUG 521

Soft solder no. 4 S-Sn97Ag3-DIN EN 29453, DVGW work sheets GW 2 and GW 7, 3 mm diameter, melting range from 221 to 240 °C, spool of 250 g



Article No.	Dimension	Bag	Box
84934	3 mm		60
849342	2 mm		o. r.

4943

AUG 523

Soft solder paste - water-soluble, DIN EN 29 454 - 3.1.1.C, with soldering alloy S-Sn97Cu3, only suitable for solder no. 3, DVGW reg., bottles of 250 g



Article No.	Dimension	Bag	Box
84943			19

4943.100

AUG 523

Soft solder paste - water-soluble, DIN EN 29 454 - 3.1.1.C, with soldering alloy S-Sn97Cu3, only suitable for solder no. 3, DVGW reg., bottles of 100 g



Article No.	Dimension	Bag	Box
84943.100			o. r.

4936

AUG 522

Hard solder in bars, CP 15 (L-Ag 2P) - DIN EN 144, 2 mm square, DVGW work sheet GW2, melting range 650 to 810 °C, pack of 1 kg

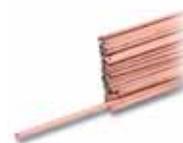


Article No.	Dimension	Bag	Box
84936			1

4936.3

AUG 522

Hard solder in bars, CP 15 (L-Ag 2P) - DIN EN 144, 3 mm square, DVGW work sheet GW2, melting range 650 to 810 °C, pack of 1 kg



Article No.	Dimension	Bag	Box
84936.3			1

4938

AUG 522

Hard solder wire, (L-Ag 40 Cd) - DIN EN 8513 (silver solder), working temperatur 610°C, not to be used for gas and drinkingwater installations with copper pipes

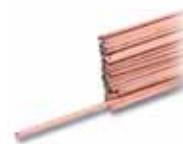


Article No.	Dimension	Bag	Box
84938	1 mm		o. r.

4939

AUG 522

Hard solder in bars, CP 23 (L-Cu P6) - DIN EN 144, 2 mm square, DVGW work sheet GW2, melting range 710 to 880 °C, pack of 1 kg



Article No.	Dimension	Bag	Box
84939	2 mm		1

4941

AUG 523

Flux for soft soldering, water-soluble, DIN EN 29 454 - 3.1.1.C, DVGW reg., 70 g flux



Article No.	Dimension	Bag	Box
84941			50

4944

AUG 523

Soldering paste, water soluble, DIN EN ISO 29 454, 250 g soldering paste, S-Sn97Agu3



Article No.	Dimension	Bag	Box
84944			o. r.

Product catalogue | 2018 | Soldering accessories

4948

AUG 523

Flux for hard soldering, type F-SH 1,
100 g flux



Article No.	Dimension	Bag	Box	
84948			19	

4953

AUG 522

Hard solder in bars, 2 mm L-Ag5P,
wreath of 1 kg

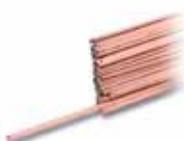


Article No.	Dimension	Bag	Box	
84953			o. r.	

4953.3

AUG 522

Hard solder in bars, 3 mm L-Ag5P,
wreath of 1 kg



Article No.	Dimension	Bag	Box	
84953.3			o. r.	

0961

AUG 524

Cleaning fleece, metal-free



Article No.	Dimension	Bag	Box	
80961	60 x 130		360	

4974

AUG 555

Cleaning brush



Article No.	Dimension	Bag	Box	
8497412	12		120	
8497415	15		120	
8497418	18		100	
8497422	22		100	
8497428	28		80	
8497435	35		60	



THREADED FITTINGS | Lead free silicon bronze

PURAFIT®

(Series 3000)



PURAFIT®

Series 3000

SANHA produces capillary fittings of the series PURAFIT® - just like our press fittings PURAPRESS® - from the completely lead-free premium material silicon bronze CuSi (mat no CW724R).. This copper alloy is optimally adapted for the use in drinking water systems as it fulfills the strict legal requirements of the Drinking Water Directive. By using lead-free PURAFIT® capillary fittings, installers can always be certain that they will not be subject to any legal claims in case the lead tolerances are exceeded.

Also, lead-free fittings satisfy the market's desire for safe and healthy drinking water installations. PURAFIT® capillary fittings from CuSi are tested and certified by all relevant national and international certification bodies and can be used for a wide variety of applications in the sanitary and heating industry.

Operating conditions for SANHA®- PURAFIT® made from lead-free silicon bronze	
Dimensions	Operating pressure depending on the temperature
Water and aqueous solutions	
1/8" ... 3/4"	25 bar - 120 °C
	16 bar - 225 °C
1" ... 3"	16 bar - 120 °C
	6 bar - 225 °C
Flammable gases	
1/8" ... 3"	5 bar
Technical gases (non-toxic, non-flammable)	
1/8" ... 3"	16 bar / depending on application
Type of thread: Pipe thread: R/Rp-thread according to EN 10226, Fastening thread (union nut): G-thread according to ISO 228	

Features

- **Fast and secure installation** due to a sealing thread feature in the thread.
- Thread according to EN 10226 and ISO7/1 Type R and Rp. Please note that a proprietary teflon tape may be used in practice to accommodate manufacturing tolerances between the fittings.
- Spanner flats for **user-friendly and easy installation**
- **Lead-free alloy silicon bronze CuSi: PURAFIT®** fittings offer a unique hygienic solution for drinking water installations due to the exclusive use of lead-free premium silicon bronze.
- **Optimum corrosion resistance** as dezincification-resistant and free of tension crack corrosion.
- **No risk of fire** thanks to the type of connection (no open flame).
- **No porosity** of casting due to the high material density
- **All dimensions** from 1/8" to 3" including valve and pipe extensions

Areas of application

Drinking water	Heating	Flammable gases
Rainwater	Solar systems	Compressed air
Fire extinguishing systems	Sprinkler systems (wet)	Inert gases
Cooling water pipes		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | (Series 3000)

3090

AUG 105

Elbow 90°, female/female thread



Article No.	Dimension	Bag	Box
1309018	1/8	o. r.	o. r.
1309014	1/4	10	300
1309038	3/8	10	150
1309012	1/2	10	100
1309034	3/4	10	70
130901	1	10	40
13090114	1 1/4	10	20
13090112A	1 1/2		15
130902	2		10
130903	3		2
130901238	1/2 x 3/8	10	150
130903412	3/4 x 1/2	10	70
13090134	1 x 3/4	10	50
130901141	1 1/4 x 1	10	20

3091

AUG 105

Elbow 90°, male/male thread



Article No.	Dimension	Bag	Box
1309138	3/8	10	250
1309112	1/2	10	150
1309134	3/4	10	50
130911	1	10	50

3092

AUG 105

Elbow 90°, female/male thread



Article No.	Dimension	Bag	Box
1309214	1/4	10	400
1309238	3/8	10	250
1309212	1/2	10	120
1309234	3/4	10	80
130921	1	10	30
13092114	1 1/4	5	20
13092112	1 1/2	5	15
130922	2	2	10
13092212	2 1/2		4
130923	3		3

3098

AUG 105

Elbow union, conical sealing, female/male thread



Article No.	Dimension	Bag	Box
1309838	3/8	5	150
1309812	1/2	5	100
1309834	3/4	5	50
130981	1	5	20
13098114	1 1/4	5	15
13098112	1 1/2	5	10
130982	2	2	6

3120

AUG 105

Elbow 45°, female/female thread



Article No.	Dimension	Bag	Box
1312038	3/8	10	180
1312012	1/2	10	150
1312034	3/4	10	80
131201	1	10	40
13120114	1 1/4	10	20

3121

AUG 105

Elbow 45°, female/male thread



Article No.	Dimension	Bag	Box
1312138	3/8	10	240
1312112	1/2	10	150
1312134	3/4	10	80
131211	1	10	60
13121114	1 1/4	10	30
13121112	1 1/2	10	20

Product catalogue | 2018 | (Series 3000)

3130

AUG 105

Tee, female threads



Article No.	Dimension	Bag	Box
1313014	1/4	10	200
1313038	3/8	10	150
1313012	1/2	10	70
1313034	3/4	10	50
131301	1	10	30
13130114	1 1/4	5	15
13130112	1 1/2		10
131302	2		8
131303	3		2
13130123812	1/2 x 3/8 x 1/2	10	100
13130123412	1/2 x 3/4 x 1/2	10	60
13130341212	3/4 x 1/2 x 1/2	10	70
13130341234	3/4 x 1/2 x 3/4	10	50
13130343412	3/4 x 3/4 x 1/2	10	50
131301121	1 x 1/2 x 1	10	30
131301341	1 x 3/4 x 1	10	30
131301112	1 x 1 x 1/2	10	30
1313011412114	1 1/4 x 1/2 x 1 1/4	5	30
131301141114	1 1/4 x 1 x 1 1/4	5	20
131301121112	1 1/2 x 1 x 1 1/2		20
13130212B	2 x 1 x 2		12

3180

AUG 105

Cross, female threads



Article No.	Dimension	Bag	Box
1318034	3/4	10	40

3240

AUG 105

Coupling, reduced, female/female thread



Article No.	Dimension	Bag	Box
132403814	3/8 x 1/4	10	300
132401214	1/2 x 1/4	10	200
132401238	1/2 x 3/8	10	150
132403438	3/4 x 3/8	10	150
132403412	3/4 x 1/2	10	150

3240

AUG 105

Coupling, reduced, female/female thread



Article No.	Dimension	Bag	Box
13240138	1 x 3/8	10	100
13240112	1 x 1/2	10	80
13240134	1 x 3/4	10	80
1324011412	1 1/4 x 1/2	10	50
1324011434	1 1/4 x 3/4	10	40
132401141	1 1/4 x 1	10	40
1324011234	1 1/2 x 3/4	5	40
132401121	1 1/2 x 1		40
13240112114	1 1/2 x 1 1/4		30
132402114	2 x 1 1/4	2	22
132402112	2 x 1 1/2		16

3241

AUG 105

Reducer, female/male thread



Article No.	Dimension	Bag	Box
132411418	1/4 x 1/8	10	700
132413818	3/8 x 1/8	o.r.	o.r.
132413814	3/8 x 1/4	10	500
132411218	1/2 x 1/8	10	400
132411214	1/2 x 1/4	10	350
132411238	1/2 x 3/8	10	350
132413414	3/4 x 1/4	10	250
132413438	3/4 x 3/8	10	250
132413412	3/4 x 1/2	10	250
13241138	1 x 3/8	10	120
13241112	1 x 1/2	10	120
13241134	1 x 3/4	10	130
1324111412	1 1/4 x 1/2	5	70
1324111434	1 1/4 x 3/4	5	70
132411141	1 1/4 x 1	10	70
1324111212	1 1/2 x 1/2	5	50
1324111234	1 1/2 x 3/4	10	50
132411121	1 1/2 x 1	10	50
13241112114	1 1/2 x 1 1/4	10	50
13241212	2 x 1/2	2	30
13241234	2 x 3/4	2	40
1324121	2 x 1	2	36
132412114	2 x 1 1/4	2	40
132412112	2 x 1 1/2	2	40

Product catalogue | 2018 | (Series 3000)

3241

AUG 105

Reducer, female/male thread



Article No.	Dimension	Bag	Box
132412122	2 1/2 x 2		24
1324132	3 x 2	1	14
132413212	3 x 2 1/2		15
1324143	4 x 3	1	8

3242

AUG 105

Reducer, male/female ends



Article No.	Dimension	Bag	Box
132421814	1/8a x 1/4i	10	700
132421438	1/4a x 3/8i	10	400
132423812	3/8a x 1/2i	10	280
132423834	3/8a x 3/4i	10	200
132421238	1/2a x 3/8i	10	300
132421234	1/2a x 3/4i	10	180
13242121	1/2a x 1i	10	100
132423412	3/4a x 1/2i	10	200
13242341	3/4a x 1i	10	100
1324234114	3/4a x 1 1/4i	5	45
132421114	1a x 1 1/4i	5	50

3245

AUG 105

Adaptor, reduced, male/male thread



Article No.	Dimension	Bag	Box
132451418	1/4 x 1/8	10	600
132453814	3/8 x 1/4	10	350
132451214	1/2 x 1/4	10	400
132451238	1/2 x 3/8	10	350
132453438	3/4 x 3/8	10	200
132453412	3/4 x 1/2	10	180
13245112	1 x 1/2	10	100
13245134	1 x 3/4	10	100
132451141	1 1/4 x 1	5	50
132451121	1 1/2 x 1	5	45
13245112114	1 1/2 x 1 1/4	5	40
132452114	2 x 1 1/4	2	24

3245

AUG 105

Adaptor, reduced, male/male thread



Article No.	Dimension	Bag	Box
132452112	2 x 1 1/2		18
132452122	2 1/2 x 2		15

3270

AUG 105

Coupling, female/female thread



Article No.	Dimension	Bag	Box
1327018	1/8	o. r.	o. r.
1327014	1/4	10	500
1327038	3/8	10	400
1327012	1/2	10	160
1327034	3/4	10	120
132701	1	10	60
13270114	1 1/4	5	40
13270112	1 1/2	5	25
132702	2		20
13270212	2 1/2		10
132703	3		5

3280

AUG 105

Adaptor, male/male thread



Article No.	Dimension	Bag	Box
1328018	1/8	o. r.	o. r.
1328014	1/4	10	350
1328038	3/8	10	350
1328012	1/2	10	250
1328034	3/4	10	150
132801	1	10	90
13280114	1 1/4	10	50
13280112	1 1/2	5	35
132802	2	2	24
13280212	2 1/2		6
132803	3		5

Product catalogue | 2018 | (Series 3000)

3290

AUG 105

Plug with edge, male thread



Article No.	Dimension	Bag	Box
1329014	1/4	10	700
1329038	3/8	10	600
1329012	1/2	10	400
1329034	3/4	10	160
132901	1	10	100
13290114	1 1/4	5	50
13290112	1 1/2	5	50
132902	2		30

3291

AUG 105

Plug without edge, male thread



Article No.	Dimension	Bag	Box
1329112	1/2	10	400
132911	1	10	120
13291114	1 1/4	10	80
13291112	1 1/2		70

3301

AUG 105

Cap, female thread



Article No.	Dimension	Bag	Box
1330138	3/8	10	300
1330112	1/2	10	300
1330134	3/4	10	150
133011	1	10	100
13301114	1 1/4	10	50
13301112	1 1/2	10	40
133012	2	2	34

3302

AUG 105

Cap with female thread and flat seal



Article No.	Dimension	Bag	Box
1330238	3/8	10	o. r.
1330212	1/2	10	500
1330234	3/4	10	400
133021	1	10	240
13302114	1 1/4	10	o. r.
13302112	1 1/2	10	o. r.
133022	2	2	o. r.

3310

AUG 105

Hexagon nut, brass



Article No.	Dimension	Bag	Box
1331014	1/4 SW 22	10	1000
1331038	3/8 SW 27	10	600
1331012	1/2 SW 34	10	350
1331034	3/4 SW 37	10	300
133101	1 SW 42	10	200
13310114	1 1/4 SW 55	10	100
13310112	1 1/2 SW 60	10	100
133102	2 SW 75	10	40

3330

AUG 105

Union, flat Centellen seal, female/female thread



Article No.	Dimension	Bag	Box
1333012	1/2	5	80
1333034	3/4	5	50
133301	1	5	40
13330114	1 1/4	5	20
13330112	1 1/2	5	15
133302	2	2	10

Product catalogue | 2018 | (Series 3000)

3331

AUG 105

Union, flat Centellen seal, female/male thread



Article No.	Dimension	Bag	Box
1333138	3/8	5	150
1333112	1/2	5	120
1333134	3/4	5	60
133311	1	5	40
13331114	1 1/4	5	30
13331112	1 1/2	5	20
133312	2	2	10
13331212	2 1/2		5

3334

AUG 105

Union, flat Centellen seal, male/male thread



Article No.	Dimension	Bag	Box
1333412	1/2	5	100
1333434	3/4	5	50
133341	1	5	30
13334114	1 1/4	5	20
13334112	1 1/2	5	20

3340

AUG 105

Union, conical sealing, female/female thread



Article No.	Dimension	Bag	Box
1334038	3/8	5	100
1334012	1/2	5	80
1334034	3/4	5	50
133401	1	5	40
13340114	1 1/4	5	20
13340112	1 1/2	5	15
133402	2	2	10

3341

AUG 105

Union, conical sealing, female/male thread



Article No.	Dimension	Bag	Box
1334114	1/4	5	200
1334138	3/8	5	150
1334112	1/2	5	120
1334134	3/4	5	60
133411	1	5	40
13341114	1 1/4	5	30
13341112	1 1/2	5	20
133412	2	2	10
13341212	2 1/2	1	5
133413	3	1	3

3344

AUG 105

Union, conical sealing, male/male thread



Article No.	Dimension	Bag	Box
1334412	1/2	5	100
1334434	3/4	5	50
133441	1	5	30
13344114	1 1/4	5	20
13344112	1 1/2	5	20

3370

AUG 105

Screwed insert, flat sealing, female thread



Article No.	Dimension	Bag	Box
13370121	1/2 x 1		200
1337034114	3/4 x 1 1/4		150
133701112	1 x 1 1/2		100
133701142	1 1/4 x 2		45
13370112214	1 1/2 x 2 1/4		36
133702234	2 x 2 3/4		18

Product catalogue | 2018 | (Series 3000)

3372

AUG 105

Insert, flat sealing, female thread



Article No.	Dimension	Bag	Box
1337234114	3/4 x 1 1/4		160
133721112	1 x 1 1/2		120
133721142	1 1/4 x 2		60

3472

AUG 105

Wall plate, female/female thread



Article No.	Dimension	Bag	Box
1347212	1/2	10	60
1347234	3/4	10	60

3478GZ

AUG 105

Double wall plate, with female end and female thread



Article No.	Dimension	Bag	Box
13478GZ12	1/2	1	20

8983

AUG 556

Insulation for CuSi wall plates



Article No.	Dimension	Bag	Box
88983		6	30

3513

AUG 112

Red brass extensions



Article No.	Dimension	Bag	Box
135133810	3/8 x 10	10	500
135133815	3/8 x 15	10	400
135133820	3/8 x 20	10	350
135133825	3/8 x 25	10	300
135133830	3/8 x 30	10	250

3513

AUG 112

Red brass extensions



Article No.	Dimension	Bag	Box
135133840	3/8 x 40	10	200
135133850	3/8 x 50	10	180
135133865	3/8 x 65	10	140
135133880	3/8 x 80	10	120
1351338100	3/8 x 100	10	100
135131210	1/2 x 10	10	300
135131212	1/2 x 12,5	10	200
135131215	1/2 x 15	10	200
135131217	1/2 x 17,5	10	200
135131220	1/2 x 20	10	200
135131225	1/2 x 25	10	200
135131230	1/2 x 30	10	180
135131240	1/2 x 40	10	120
135131250	1/2 x 50	10	90
135131265	1/2 x 65	10	90
135131280	1/2 x 80	10	70
1351312100	1/2 x 100	10	60
1351312120	1/2 x 120	5	50
1351312150	1/2 x 150	5	40
135133410	3/4 x 10	10	240
135133412	3/4 x 12,5	10	150
135133415	3/4 x 15	10	150
135133420	3/4 x 20	10	140
135133425	3/4 x 25	10	120
135133430	3/4 x 30	10	100
135133440	3/4 x 40	10	90
135133450	3/4 x 50	10	80
135133465	3/4 x 65	10	60
135133480	3/4 x 80	10	50
1351334100	3/4 x 100	10	40
135131115	1 x 15	10	120
13513120	1 x 20	10	100
13513125	1 x 25	10	70
13513130	1 x 30	10	70
13513140	1 x 40	10	50
13513150	1 x 50	10	50
13513165	1 x 65	5	40
13513180	1 x 80	5	40
135131100	1 x 100	5	30
1351311420	1 1/4 x 20	5	60
1351311425	1 1/4 x 25	5	50
1351311430	1 1/4 x 30	5	50
1351311440	1 1/4 x 40	5	40
1351311450	1 1/4 x 50	5	40

Product catalogue | 2018 | (Series 3000)

3514

AUG 112

Extension piece



Article No.	Dimension	Bag	Box
13514341218	G3/4 x R1/2 x 18	10	200
13514341230	G3/4 x R1/2 x 30	10	150
13514341245	G3/4 x R1/2 x 45	10	100

3530

AUG 105

Double pipe nipple, male/male thread



Article No.	Dimension	Bag	Box
135303840	3/8 x 40	o.r.	o.r.
135303860	3/8 x 60	o.r.	o.r.
135303880	3/8 x 80	10	150
1353038100	3/8 x 100	10	150
135301230	1/2 x 30	10	350
135301240	1/2 x 40	10	200
135301250	1/2 x 50	10	150
135301260	1/2 x 60	10	150
135301270	1/2 x 70	10	150
135301280	1/2 x 80	10	120
135301290	1/2 x 90	10	120
1353012100	1/2 x 100	10	90
1353012110	1/2 x 110	10	90
1353012120	1/2 x 120		90
1353012130	1/2 x 130		80
1353012150	1/2 x 150		70
1353012200	1/2 x 200	10	50
135303430	3/4 x 30	10	200
135303440	3/4 x 40	10	150
135303460	3/4 x 60	10	100
135303470	3/4 x 70	10	100
135303480	3/4 x 80	10	80
135303490	3/4 x 90	10	70
1353034100	3/4 x 100	10	50
1353034110	3/4 x 110		50
1353034120	3/4 x 120		70
1353034150	3/4 x 150		50
1353034200	3/4 x 200	o.r.	o.r.
13530130	1 x 30	10	150
13530140	1 x 40	10	100

3530

AUG 105

Double pipe nipple, male/male thread



Article No.	Dimension	Bag	Box
13530150	1 x 50	10	90
13530160	1 x 60	10	80
13530170	1 x 70	10	70
13530180	1 x 80	10	60
13530190	1 x 90	10	60
135301100	1 x 100	10	50
135301120	1 x 120	10	40
135301150	1 x 150		40
135301200	1 x 200	10	20
1353011430	1 1/4 x 30		120
1353011440	1 1/4 x 40	5	60
1353011450	1 1/4 x 50		60
1353011460	1 1/4 x 60		50
1353011470	1 1/4 x 70		50
1353011480	1 1/4 x 80		40
1353011490	1 1/4 x 90		30
13530114100	1 1/4 x 100		30
13530114120	1 1/4 x 120		30
13530114150	1 1/4 x 150		20
13530114200	1 1/4 x 200	5	15
1353011230	1 1/2 x 30		80
1353011240	1 1/2 x 40		60
1353011250	1 1/2 x 50		50
1353011260	1 1/2 x 60		45
1353011270	1 1/2 x 70		40
1353011280	1 1/2 x 80		30
1353011290	1 1/2 x 90		30
13530112100	1 1/2 x 100		25
13530112120	1 1/2 x 120		20
13530112150	1 1/2 x 150		15
13530112200	1 1/2 x 200	5	10
13530230	2 x 30		30
13530250	2 x 50		24
13530260	2 x 60		24
13530270	2 x 70		20
13530280	2 x 80		20
13530290	2 x 90		18
135302100	2 x 100		15
135302120	2 x 120		12
135302150	2 x 150		12
135302200	2 x 200	2	6

Product catalogue | 2018 | (Series 3000)

3531

AUG 105

Pipe nipple, with male thread



Article No.	Dimension	Bag	Box
1353114	1/4	10	700
1353138	3/8	10	600
1353112	1/2	10	400
1353134	3/4	10	200
1353111	1	10	100
13531114	1 1/4	5	50
13531112	1 1/2	5	50

3604

AUG 105

Coupling for water meter, sealable, with flat seal and male thread according to EN 10227



Article No.	Dimension	Bag	Box
136041234	1/2 x 3/4	10	140
13604341	3/4 x 1	10	80
136041114	1 x 1 1/4	5	40

3910

AUG 105

Hexagon plug according to DIN 910, male thread



Article No.	Dimension	Bag	Box
1391038	3/8	10	500
1391034	3/4		200
139101	1		100

912

AUG 031

Installation set for concealed cistern elbow no 23091UP and lightweight walls, comprising one hexagon brass nut and 2 seals



Article No.	Dimension	Bag	Box
291234	3/4	1	180



THREADED FITTINGS | Brass

Threaded Fittings

Threaded fittings from brass and chrome-plated versions



Threaded fittings from brass

SANHA threaded fittings in brass (material no. CW617N, chemical composition CuZn40Pb2) are designed for extended use in a wide range of applications such as heating, rainwater systems, water-glycol mixtures (water with anti-freeze additives) and other industrial applications.

SANHA threaded fittings of brass meet the quality and test requirements of the German Gütegemeinschaft Messing Sanitär (GMS) and the extension pieces have been awarded the quality mark RAL-GZ 643. Thanks to our broad range of different sizes from ¼" to 2 1/2" and the possibility of obtaining chrome fittings, the installer can make the right choice for the desired application at any time.

Operating conditions for SANHA® threaded fittings from brass

Outer pipe diameter	Operating pressure
Water and aqueous solutions	
1/4" ... 2 1/2"	10 bar up to 90 °C
Type of thread: 1. Short pipe thread: Rk thread according to EN 1254-4 2. Fastening thread: G thread according to ISO 228	

Features

- **Fast and reliable installation**, fastening thread according to ISO 228 – Type G for the catalogue numbers 421, 521, 523, 551, 552, 611, 612, 613, 614, 622, 626, 751, 761, 911, 976, 976F, 977, 977F
- **Short pipe thread** according to EN 1254-4 - type Rk for the catalogue numbers 221, 222, 223, 224, 271, 272, 522, 531, 541, 542
- **High corrosion** resistance due to optimal material (<110 HB)
- **Spanner flats** for easy and time-saving installation
- **Vast portfolio** from ¼" to 2 ½" including extension pieces

Areas of application

Heating	Heating - closed circuit	Rainwater
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

221

AUG 101

Iron pipe union, conical sealing, male/ male thread according to DIN EN 10226



Article No.	Dimension	Bag	Box
222138R	3/8	5	150
222112R	1/2	5	100
222134R	3/4	5	50
22211R	1	5	30
222112R	1 1/2	5	20

224

AUG 101

Iron pipe union, flat sealing, male/male thread according to DIN EN 10226



Article No.	Dimension	Bag	Box
222434R	3/4	5	50
22241R	1	5	30
2224114R	1 1/4	5	25
2224112R	1 1/2	5	20
22242R	2	2	10

222

AUG 101

Iron pipe union, conical sealing, female/ male thread according to DIN EN 10226



Article No.	Dimension	Bag	Box
222238R	3/8	5	150
222212R	1/2	5	120
222234R	3/4	5	60
22221R	1	5	40
2222114R	1 1/4	5	20
2222112R	1 1/2	5	15
22222R	2	2	10

271

AUG 101

Iron pipe union, conical sealing, female/ female thread according to EN 10226



Article No.	Dimension	Bag	Box
227114R	1/4	5	100
227112R	1/2	5	80
227134R	3/4	5	50
22711R	1	5	40
2271114R	1 1/4	5	20
2271112R	1 1/2	5	15
22712R	2	2	10

223

AUG 101

Iron pipe union, flat sealing, female/male thread according to DIN EN 10226



Article No.	Dimension	Bag	Box
222338R	3/8	5	150
222312R	1/2	5	120
222334R	3/4	5	60
22231R	1	5	40
2223114R	1 1/4	5	30
2223112R	1 1/2	5	20
22232R	2	2	10

272

AUG 101

Iron pipe union, conical sealing, female/ female thread according to EN 10226



Article No.	Dimension	Bag	Box
227212R	1/2	5	80
227234R	3/4	5	50
22721R	1	5	40
2272114R	1 1/4	5	20
2272112R	1 1/2	5	15
22722R	2	2	10

224

AUG 101

Iron pipe union, flat sealing, male/male thread according to DIN EN 10226



Article No.	Dimension	Bag	Box
222412R	1/2	5	100

421

AUG 101

Wall plate for iron pipe, with female thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
242112R	1/2	10	90
242134R	3/4	10	60

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

513

AUG 103

Brass extension with hex socket cap, toothed thread, tempered



Article No.	Dimension	Bag	Box	
25133810R	3/8 x 10	10	500	
25133815R	3/8 x 15	10	400	
25133820R	3/8 x 20	10	350	
25133825R	3/8 x 25	10	300	
25133830R	3/8 x 30	10	250	
25133840R	3/8 x 40	10	200	
25133850R	3/8 x 50	10	180	
25133880R	3/8 x 80	10	120	
251338100R	3/8 x 100	10	120	
25131210R	1/2 x 10	10	300	
25131215R	1/2 x 15	10	250	
25131220R	1/2 x 20	10	200	
25131225R	1/2 x 25	10	200	
25131230R	1/2 x 30	10	180	
25131240R	1/2 x 40	10	130	
25131250R	1/2 x 50	10	90	
25131265R	1/2 x 65	10	70	
25131280R	1/2 x 80	10	90	
251312100R	1/2 x 100	10	60	
25133410R	3/4 x 10	10	240	
25133415R	3/4 x 15	10	150	
25133420R	3/4 x 20	10	140	
25133425R	3/4 x 25	10	120	
25133430R	3/4 x 30	10	100	
25133440R	3/4 x 40	10	90	
25133450R	3/4 x 50	10	80	
25133460R	3/4 x 60	o. r.	o. r.	
25133465R	3/4 x 65	10	60	
25133480R	3/4 x 80	10	50	
251334100R	3/4 x 100	10	40	
2513115R	1 x 15	10	120	
2513120R	1 x 20	10	100	
2513125R	1 x 25	10	70	
2513130R	1 x 30	10	70	
2513140R	1 x 40	10	60	
2513150R	1 x 50	10	50	
2513165R	1 x 65	5	45	
2513180R	1 x 80	5	40	
25131100R	1 x 100	5	30	

513

AUG 104

Brass extension with hex socket cap, toothed thread, chrome-plated



Article No.	Dimension	Bag	Box	
25133810C	3/8 x 10	10	500	
25133815C	3/8 x 15	10	400	
25133820C	3/8 x 20	10	350	
25133825C	3/8 x 25	10	300	
25133830C	3/8 x 30	10	250	
25133840C	3/8 x 40	10	200	
25133850C	3/8 x 50	10	180	
25131210C	1/2 x 10	10	300	
25131215C	1/2 x 15	10	250	
25131220C	1/2 x 20	10	200	
25131225C	1/2 x 25	10	200	
25131230C	1/2 x 30	10	150	
25131240C	1/2 x 40	10	130	
25131250C	1/2 x 50	10	120	
25131265C	1/2 x 65	10	70	
25131280C	1/2 x 80	10	90	
251312100C	1/2 x 100	10	60	
25133410C	3/4 x 10	10	240	
25133415C	3/4 x 15	10	150	
25133420C	3/4 x 20	10	140	
25133425C	3/4 x 25	10	120	
25133430C	3/4 x 30	10	100	
25133440C	3/4 x 40	10	90	
25133450C	3/4 x 50	10	80	
25133465C	3/4 x 65	10	60	
25133480C	3/4 x 80	10	50	
251334100C	3/4 x 100	10	40	
2513115C	1 x 15	10	120	
2513120C	1 x 20	10	100	
2513125C	1 x 25	10	70	
2513130C	1 x 30	10	70	
2513140C	1 x 40	10	70	

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

521

AUG 101

Pipe adaptor, with thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
252118R	1/8	10	2000
252114R	1/4	10	1000
252138R	3/8	10	600
252112R	1/2	10	400
252134R	3/4	10	200
25211R	1	10	100
252114R	1 1/4		90
252112R	1 1/2		65
25212R	2		36

522

AUG 101

Hexagon Adaptor, male/male thread according to DIN 1254-4



Article No.	Dimension	Bag	Box
252218R	1/8	10	1500
252214R	1/4	10	700
252238R	3/8	10	600
252212R	1/2	10	350
252234R	3/4	10	250
25221R	1	10	150
2522114R	1 1/4		90
2522112R	1 1/2		60
25222R	2		30

522

AUG 102

Hexagon Adaptor, male/male thread according to DIN 1254-4, chrome-plated



Article No.	Dimension	Bag	Box
252218C	1/8	10	1500
252214C	1/4	10	700
252238C	3/8	10	600
252212C	1/2	10	350
252234C	3/4	10	250
25221C	1	10	150
25222C	2		30

523

AUG 101

Pipe adaptor, male/male thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
25233840R	3/8 x 40	10	350
25233860R	3/8 x 60	10	300
25233880R	3/8 x 80	10	200
252338100R	3/8 x 100	10	150
25231230R	1/2 x 30	10	350
25231240R	1/2 x 40	10	250
25231250R	1/2 x 50	10	250
25231260R	1/2 x 60	10	160
25231280R	1/2 x 80	10	120
252312100R	1/2 x 100	10	90
252312120R	1/2 x 120		90
252312150R	1/2 x 150		80
252312200R	1/2 x 200		70
25233430R	3/4 x 30	10	220
25233440R	3/4 x 40	10	150
25233450R	3/4 x 50	10	150
25233460R	3/4 x 60	10	120
25233480R	3/4 x 80	10	70
252334100R	3/4 x 100	10	60
252334120R	3/4 x 120		60
252334150R	3/4 x 150		60
252334200R	3/4 x 200		40
2523130R	1 x 30	10	120
2523140R	1 x 40	10	100
2523150R	1 x 50	10	90
2523160R	1 x 60	10	70
2523180R	1 x 80	10	60
25231100R	1 x 100	10	40
25231120R	1 x 120		50
25231150R	1 x 150		36
25231200R	1 x 200		20
252311440R	1 1/4 x 40		80
252311460R	1 1/4 x 60		50
252311480R	1 1/4 x 80		40
2523114100R	1 1/4 x 100		38
2523114120R	1 1/4 x 120		32
2523114150R	1 1/4 x 150		28
2523114200R	1 1/4 x 200		16
252311260R	1 1/2 x 60		48
252311280R	1 1/2 x 80		36
2523112100R	1 1/2 x 100		30
2523112120R	1 1/2 x 120		24
2523112150R	1 1/2 x 150		20
2523112200R	1 1/2 x 200		10

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

523

AUG 101

Pipe adaptor, male/male thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
2523280R	2 x 80		20
25232100R	2 x 100		15
25232120R	2 x 120		12
25232150R	2 x 150		12

523

AUG 102

Pipe adaptor, male/male thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
25233840C	3/8 x 40	10	500
25233860C	3/8 x 60	10	300
25233880C	3/8 x 80	10	200
25231230C	1/2 x 30	10	350
25231240C	1/2 x 40	10	250
25231250C	1/2 x 50	10	250
25231260C	1/2 x 60	10	170
25231280C	1/2 x 80	10	120
252312100C	1/2 x 100	10	90
252312120C	1/2 x 120	10	90
252312150C	1/2 x 150	10	80
252312200C	1/2 x 200	10	60
25233440C	3/4 x 40	10	150
25233460C	3/4 x 60	10	120
25233480C	3/4 x 80	10	90
252334100C	3/4 x 100	10	60
252334120C	3/4 x 120		60

531

AUG 101

Reducing adaptor, male/male thread according to DIN EN 1254-4



Article No.	Dimension	Bag	Box
25311418R	1/4 x 1/8	10	1000
25313814R	3/8 x 1/4	10	500
25311214R	1/2 x 1/4	10	350
25311238R	1/2 x 3/8	10	400
25313438R	3/4 x 3/8	10	300
25313412R	3/4 x 1/2	10	250
2531112R	1 x 1/2	10	150

531

AUG 101

Reducing adaptor, male/male thread according to DIN EN 1254-4



Article No.	Dimension	Bag	Box
2531134R	1 x 3/4	10	150
25311141R	1 1/4 x 1		70
2531112114R	1 1/2 x 1 1/4		50
25312112R	2 x 1 1/2		36
25312122R	2 1/2 x 2		18

531

AUG 102

Reducing adaptor, male/male thread according to DIN EN 1254-4, chrome-plated



Article No.	Dimension	Bag	Box
2531112114C	1 1/2 x 1 1/4		50
25311418C	1/4 x 1/8	10	1000
25313814C	3/8 x 1/4	10	600
25311214C	1/2 x 1/4	10	350
25311238C	1/2 x 3/8	10	400
25313412C	3/4 x 1/2	10	250
2531112C	1 x 1/2	10	150
2531134C	1 x 3/4	10	150

541

AUG 101

Hexagon reducer, female/male thread according to DIN 1254-4



Article No.	Dimension	Bag	Box
25411418R	1/4 x 1/8	10	1000
25413818R	3/8 x 1/8	10	800
25413814R	3/8 x 1/4	10	700
25411218R	1/2 x 1/8	10	500
25411214R	1/2 x 1/4	10	500
25411238R	1/2 x 3/8	10	500
25413414R	3/4 x 1/4	10	300
25413438R	3/4 x 3/8	10	300
25413412R	3/4 x 1/2	10	300
2541138R	1 x 3/8	10	200
2541112R	1 x 1/2	10	180
2541134R	1 x 3/4	10	170
254111412R	1 1/4 x 1/2		140
254111434R	1 1/4 x 3/4		140
25411141R	1 1/4 x 1		140

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

541

AUG 101

Hexagon reducer, female/male thread according to DIN 1254-4



Article No.	Dimension	Bag	Box
254111212R	1 1/2 x 1/2		100
254111234R	1 1/2 x 3/4		100
25411121R	1 1/2 x 1		100
2541112114R	1 1/2 x 1 1/4		100
2541212R	2 x 1/2		55
2541234R	2 x 3/4		55
254121R	2 x 1		55
25412114R	2 x 1 1/4		55
25412112R	2 x 1 1/2		55

541

AUG 102

Hexagon reducer, female/male thread according to DIN 1254-4, chrome-plated



Article No.	Dimension	Bag	Box
25413818C	3/8 x 1/8	10	800
25413814C	3/8 x 1/4	10	700
25411218C	1/2 x 1/8	10	500
25411214C	1/2 x 1/4	10	600
25411238C	1/2 x 3/8	10	500
25413412C	3/4 x 1/2	10	300
2541112C	1 x 1/2	10	180
2541134C	1 x 3/4	10	170
254111412C	1 1/4 x 1/2		165
254111434C	1 1/4 x 3/4		165
25411141C	1 1/4 x 1		165
254111212C	1 1/2 x 1/2		100
25411121C	1 1/2 x 1		100

542

AUG 101

Reducer extension, female/male thread according to DIN 1254-4



Article No.	Dimension	Bag	Box
25421814R	1/8a x 1/4i	10	700
25421438R	1/4a x 3/8i	10	400
25423812R	3/8a x 1/2i	10	350
25421238R	1/2a x 3/8i	10	300
25421234R	1/2a x 3/4i	10	200
2542121R	1/2a x 1i	10	120

542

AUG 101

Reducer extension, female/male thread according to DIN 1254-4



Article No.	Dimension	Bag	Box
25423412R	3/4a x 1/2i	10	200
2542341R	3/4a x 1i	10	120
25421114R	1a x 1 1/4i		45

542

AUG 102

Reducer extension, female/male thread according to DIN 1254-4, chrome-plated



Article No.	Dimension	Bag	Box
25421438C	1/4a x 3/8i	10	400
25423812C	3/8a x 1/2i	10	350
25421234C	1/2a x 3/4i	10	200
2542121C	1/2a x 1i	10	120
25423412C	3/4a x 1/2i	10	200
2542341C	3/4a x 1i	10	120

543

AUG 101

Reducing adaptor, male/female thread, according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
25431234R	1/2i x 3/4a	o. r.	o. r.

551

AUG 101

Coupling, female/female thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
255118R	1/8	10	700
255114R	1/4	10	600
255138R	3/8	10	400
255112R	1/2	10	200
255134R	3/4	10	150
25511R	1	10	80
2551114R	1 1/4		50
2551112R	1 1/2		45
25512R	2		25

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

551

AUG 102

Coupling, female/female thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
255114C	1/4	10	600
255138C	3/8	10	400
255112C	1/2	10	250
255134C	3/4	10	150
25511C	1	10	80

552

AUG 101

Coupling, reduced, female/female thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
25523814R	3/8 x 1/4	10	350
25521238R	1/2 x 3/8	10	250
25523412R	3/4 x 1/2	10	150
2552112R	1 x 1/2	10	120
2552134R	1 x 3/4	10	100
255211412R	1 1/4 x 1/2		45
255211434R	1 1/4 x 3/4		60
25521141R	1 1/4 x 1		60
25521121R	1 1/2 x 1		40
2552112114R	1 1/2 x 1 1/4		40
25522112R	2 x 1 1/2		18

552

AUG 102

Coupling, reduced, female/female thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
25523814C	3/8 x 1/4	10	350
25523412C	3/4 x 1/2	10	150
2552112C	1 x 1/2	10	120
2552134C	1 x 3/4	10	100
255211434C	1 1/4 x 3/4		60
25521141C	1 1/4 x 1		60
2552112114C	1 1/2 x 1 1/4		40
25522112C	2 x 1 1/2		18

604

AUG 101

Water meter union for iron pipe, with sealing device, male thread according to DIN EN 10226



Article No.	Dimension	Bag	Box
26041234R	1/2 x 3/4	10	140
2604341R	3/4 x 1	10	80
26041114R	1 x 1 1/4	10	40

604

AUG 102

Water meter union for iron pipe, with sealing device, male thread according to DIN EN 10226, chrome-plated



Article No.	Dimension	Bag	Box
26041234C	1/2 x 3/4	10	140
2604341C	3/4 x 1	10	80

611

AUG 101

Elbow 90°, male/male thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
261138R	3/8	10	250
261112R	1/2	10	120
261134R	3/4	10	80
26111R	1	10	40

611

AUG 102

Elbow 90°, male/male thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
261112C	1/2	10	120
261134C	3/4	10	80
26111C	1	10	40

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

612

AUG 101

Elbow 90°, female/female thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
261218R	1/8	10	600
261214R	1/4	10	400
261238R	3/8	10	200
261212R	1/2	10	140
261234R	3/4	10	80
26121R	1	10	40
2612114R	1 1/4		25
2612112R	1 1/2		15
26122R	2		14

612

AUG 102

Elbow 90°, female/female thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
261238C	3/8	10	200
261212C	1/2	10	140
261234C	3/4	10	80
26121C	1	10	40

613

AUG 101

Elbow 90°, female/male thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
261314R	1/4	10	300
261338R	3/8	10	150
261312R	1/2	10	140
261334R	3/4	10	60
26131R	1	10	40
2613114R	1 1/4	5	25
2613112R	1 1/2	5	15
26132R	2		10

613

AUG 102

Elbow 90°, female/male thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
261314C	1/4	10	300
261338C	3/8	10	150
261312C	1/2	10	140
261334C	3/4	10	60
26131C	1	10	40
2613114C	1 1/4		25

614

AUG 101

Elbow 45°, female/female thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
261438R	3/8	10	300
261412R	1/2	10	180
261434R	3/4	10	100
26141R	1	10	50

614

AUG 102

Elbow 45°, female/female thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
261412C	1/2	10	180
261434C	3/4	10	100

615

AUG 101

Elbow 45°, with female thread according to DIN EN ISO 228 and male thread according to DIN EN 10226



Article No.	Dimension	Bag	Box
261538R	3/8	10	250
261512R	1/2	10	170
261534R	3/4	10	100
26151R	1	10	50

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

615

AUG 102

Elbow 45°, female/female thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
261538C	3/8	10	250
261512C	1/2	10	170
261534C	3/4	10	100

622

AUG 101

Tee, female threads according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
262218R	1/8	10	400
262214R	1/4	10	300
262238R	3/8	10	150
262212R	1/2	10	100
262234R	3/4	10	60
26221R	1	10	30
2622114R	1 1/4		20
2622112R	1 1/2	5	10
26222R	2	2	8

622

AUG 102

Tee, female threads according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
262238C	3/8	10	150
262212C	1/2	10	100
262234C	3/4	10	60
26221C	1	10	30
2622112C	1 1/2		12

626

AUG 101

Tee, reduced, female threads according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
26261238R	1/2 x 3/8	10	100

626

AUG 101

Tee, reduced, female threads according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
26263412R	3/4 x 1/2	10	60
2626112R	1 x 1/2	10	40
2626134R	1 x 3/4	10	30
262611412R	1 1/4 x 1/2	5	20

626

AUG 102

Tee, reduced, female threads according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
26263412C	3/4 x 1/2	10	60

641

AUG 102

Double Adaptor (fork), with 1 male thread and 2 female threads according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
264112C	1/2		50

751

AUG 101

Plug, with male thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
275118R	1/8	10	2000
275114R	1/4	10	800
275138R	3/8	10	700
275112R	1/2	10	500
275134R	3/4	10	300
27511R	1	10	220
2751114R	1 1/4		140
2751112R	1 1/2		70
27512R	2		55

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

751

AUG 102

Plug, with male thread according to DIN EN ISO 228, chrome-plated



Codice articolo	Dimensione	Busta	Cartone	Prezzo
275114C	1/4	10	800	
275138C	3/8	10	800	
275112C	1/2	10	500	
275134C	3/4	10	300	
27511C	1	10	220	
2751112C	1 1/2		70	

911

AUG 101

Hexagon nut, brass, according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
291114R	1/4 SW 22	10	1000
291138R	3/8 SW 22	10	1000
291112R	1/2 SW 27	10	800
291134R	3/4 SW 34	10	600
29111R	1 SW 37	10	400
2911114R	1 1/4 SW 50	10	250
2911112R	1 1/2 SW 60	10	120
29112R	2 SW 70	2	100

761

AUG 101

Cap, female thread according to DIN EN ISO 228



Article No.	Dimension	Bag	Box
276114R	1/4	10	1000
276138R	3/8	10	700
276112R	1/2	10	400
276134R	3/4	10	300
27611R	1	10	180
2761114R	1 1/4		150
2761112R	1 1/2		120
27612R	2		80

911

AUG 102

Hexagon nut, brass, according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
291114C	1/4 SW 22	10	1000
291138C	3/8 SW 22	10	1000
291112C	1/2 SW 27	10	800
291134C	3/4 SW 34	10	600
29111C	1 SW 37	10	400
2911114C	1 1/4 SW 50	10	300

761

AUG 102

Cap, female thread according to DIN EN ISO 228, chrome-plated



Article No.	Dimension	Bag	Box
276138C	3/8	10	700
276112C	1/2	10	500
276134C	3/4	10	300
27611C	1	10	240

976

AUG 101

Mounting unit, thread according to DIN EN ISO 228 and soldering end, edged version



Article No.	Dimension	Bag	Box
29761512100R	15 x 1/2 x 100		40

977

AUG 101

Mounting unit, female/female thread according to DIN EN ISO 228, edged version



Article No.	Dimension	Bag	Box
29771212100R	1/2 x 1/2 x 100		30
29771212150R	1/2 x 1/2 x 150		25

Product catalogue | 2018 | Threaded fittings from brass and chrome-plated versions

977F

AUG 101

Mounting unit, female/female thread
according to DIN EN ISO 228,
edged version



Article No.	Dimension	Bag	Box	
2977F1212100R	1/2 x 1/2 x 100		30	



THREADED FITTINGS | Malleable cast iron

Threaded fittings



Threaded fittings from malleable cast iron

SANHA threaded fittings are manufactured from malleable cast iron EN-GJMB-350-10 according to EN 1562, the design symbol "A" and fitted with connection threads according to EN 10226 and ISO 7/1. Thanks to their high resistance to vibration and impact, these high-grade and extremely stable moulded parts in malleable cast iron can be used in the toughest conditions.

Operating conditions for SANHA® threaded fittings in malleable cast iron	
Outer pipes diameter	Operating pressure
Water and aqueous solutions	
1/8" ... 4"	25 bar from 20 to 120 °C
	Interpolated values from 120 °C to 300 °C
	20 bar to 300 °C
Flammable gases	
1/8" ... 4"	1 bar
Type of thread: Pipe thread: R/Rp type thread according to EN 10226, Fastening thread: G thread according to ISO 228	

Features

- **Practical installation**

SANHA threaded fittings allow for a particularly fast and easy installation, as they are produced with threads according to EN 10226 and ISO 7/1 Type R and Rp and offer user-friendly wrench flats.

- **Excellent material & properties**

- Galvanised and black malleable cast iron available
- Fittings manufactured according to design symbol A
- Surface protection against corrosion by galvanization
- Great protection against vandalism thanks to the strength of the material
- Comprehensive portfolio from 3/8" to 4"

Areas of application

Drinking water (limited)	Heating	Gas installations
Rainwater	Solar systems	Compressed air
Fire extinguishing systems	Sprinkler systems (wet)	Inert gases
Cooling water pipes		

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Threaded fittings from malleable cast iron

1#

AUG 108

Bend 90°, long, female/male thread, black



Article No.	Dimension	Bag	Box
9114S#	1/4	10	380
9138S#	3/8	10	250
9112S#	1/2	10	160
9134S#	3/4	10	90
911S#	1	10	40
91114S#	1 1/4		20
91112S#	1 1/2		18
912S#	2		8

1#

AUG 109

Bend 90°, female/male plain end, galvanised



Article No.	Dimension	Bag	Box
9114V#	1/4	10	380
9138V#	3/8	10	250
9112V#	1/2	10	160
9134V#	3/4	10	90
911V#	1	10	40
91114V#	1 1/4		20
91112V#	1 1/2		18
912V#	2		8
91212VA#	2 1/2		4
913V#	3		2
914V#	4		2

1A#

AUG 108

Bend 90°, short, female/male thread, black



Article No.	Dimension	Bag	Box
91A12S#	1/2	10	160
91A34S#	3/4	10	70
91A1S#	1	10	60
91A114S#	1 1/4		30
91A112S#	1 1/2		25
91A2S#	2		10

1A#

AUG 109

Bend 90°, female/male plain end, galvanised



Article No.	Dimension	Bag	Box
91A12V#	1/2	10	160
91A34V#	3/4	10	70
91A1V#	1	10	60
91A114V#	1 1/4		30
91A112V#	1 1/2		25
91A2V#	2		10

2#

AUG 108

Bend 90°, long, female/female thread, black



Article No.	Dimension	Bag	Box
9238S#	3/8	10	200
9212S#	1/2	10	120
9234S#	3/4	10	60
921S#	1	10	40
92114S#	1 1/4		20
92112S#	1 1/2		15
922S#	2		7
92212SA#	2 1/2		4
923S#	3		2

2#

AUG 109

Bend 90°, female/female thread, galvanised



Article No.	Dimension	Bag	Box
9238V#	3/8	10	200
9212V#	1/2	10	120
9234V#	3/4	10	60
921V#	1	10	40
92114V#	1 1/4		20
92112V#	1 1/2		15
922V#	2		7
92212VA#	2 1/2		4
923V#	3		2
924V#	4		2

Product catalogue | 2018 | Threaded fittings from malleable cast iron

2A#

AUG 108

Bend 90°, short, female/female thread, black



Article No.	Dimension	Bag	Box
92A12S#	1/2	10	140
92A34S#	3/4	10	80
92A1S#	1	10	40

2A#

AUG 109

Bend 90°, female/female thread, galvanised



Article No.	Dimension	Bag	Box
92A12V#	1/2	10	140
92A34V#	3/4	10	80
92A1V#	1	10	40
92A114V#	1 1/4		25
92A112V#	1 1/2		20
92A2V#	2		10

3#

AUG 109

Bend 90°, male/male thread, galvanised



Article No.	Dimension	Bag	Box
9312V#	1/2	10	200
9334V#	3/4	10	100
931V#	1	10	50
93114V#	1 1/4		20
93112V#	1 1/2		25
932V#	2		14

40#

AUG 108

Bend 45°, female/male thread, black



Article No.	Dimension	Bag	Box
94038S#	3/8	10	330
94012S#	1/2	10	220

40#

AUG 108

Bend 45°, female/male thread, black



Article No.	Dimension	Bag	Box
94034S#	3/4	10	100
9401S#	1	10	70
940114S#	1 1/4		35
940112S#	1 1/2		25
9402S#	2		14

40#

AUG 109

Bend 45°, female/male plain end, galvanised



Article No.	Dimension	Bag	Box
94012V#	1/2	10	220
94034V#	3/4	10	100
9401V#	1	10	70
940114V#	1 1/4		35
940112V#	1 1/2		25
9402V#	2		14
940212V#	2 1/2		6
9403V#	3		4
9404V#	4		1

41#

AUG 109

Bend 45°, female/female thread, galvanised



Article No.	Dimension	Bag	Box
94112V#	1/2	10	140
94134V#	3/4	10	80
9411V#	1	10	60
941114V#	1 1/4		30
941112V#	1 1/2		22
9412V#	2		12
941212V#	2 1/2		5
9413V#	3		3
9414V#	4		1

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85#

AUG 108

Crossover, female/female thread, black



Article No.	Dimension	Bag	Box
98512S#	1/2	10	80
98534S#	3/4	10	50

85#

AUG 109

Crossover, female/female thread, galvanised



Article No.	Dimension	Bag	Box
98512V#	1/2	10	80
98534V#	3/4	10	50
9851V#	1	10	30

90#

AUG 108

Elbow 90°, female/female thread, black



Article No.	Dimension	Bag	Box
99014S#	1/4	10	450
99038S#	3/8	10	300
99012S#	1/2	10	200
99034S#	3/4	10	120
9901S#	1	10	70
990114S#	1 1/4		45
990112SA#	1 1/2		30
9902S#	2		18
990212S#	2 1/2		10
9903S#	3		5
9903412S#	3/4 x 1/2	10	150
990112SB#	1 x 1/2	10	100
990134S#	1 x 3/4	10	90
9901141S#	1 1/4 x 1		55

90#

AUG 109

Elbow 90°, female/female thread, galvanised



Article No.	Dimension	Bag	Box
99018V#	1/8	10	600
99014V#	1/4	10	450
99038V#	3/8	10	300
99012V#	1/2	10	200
99034V#	3/4	10	120
9901V#	1	10	70
990114V#	1 1/4		45
990112VA#	1 1/2		30
9902V#	2		18
990212V#	2 1/2		10
9903V#	3		5
9904V#	4		2
9901238V#	1/2 x 3/8	10	250
9903412V#	3/4 x 1/2	10	150
990112VB#	1 x 1/2	10	100
990134V#	1 x 3/4	10	90
99011434V#	1 1/4 x 3/4		55
9901141V#	1 1/4 x 1		55
99011234V#	1 1/2 x 3/4		45
9901121V#	1 1/2 x 1		45
990112114V#	1 1/2 x 1 1/4		40
99021V#	2 x 1		25
9902114V#	2 x 1 1/4		20
9902112V#	2 x 1 1/2		20
9902122V#	2 1/2 x 2		12

92#

AUG 108

Elbow 90°, female/male thread, black



Article No.	Dimension	Bag	Box
99214S#	1/4	10	600
99238S#	3/8	10	350
99212S#	1/2	10	220
99234S#	3/4	10	100
9921S#	1	10	70
992114S#	1 1/4		40
992112S#	1 1/2		30
9922S#	2		15
992212S#	2 1/2		9
9923S#	3		5

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92#

AUG 109

Elbow 90°, female/male thread, galvanised



Article No.	Dimension	Bag	Box
99214V#	1/4	10	600
99238V#	3/8	10	350
99212V#	1/2	10	220
99234V#	3/4	10	100
9921V#	1	10	70
992114V#	1 1/4		40
992112V#	1 1/2		30
9922V#	2		15
992212V#	2 1/2		9
9923V#	3		5
9924V#	4		2

95#

AUG 108

Elbow union 90°, female/female thread, flat sealing, black



Article No.	Dimension	Bag	Box
99534S#	3/4	10	50
9951S#	1	10	40
995114S#	1 1/4		20
995112S#	1 1/2		16

95#

AUG 109

Elbow union 90°, female/female thread, flat sealing, galvanised



Article No.	Dimension	Bag	Box
99512V#	1/2	10	80
99534V#	3/4	10	50
9951V#	1	10	40
995114V#	1 1/4		20
995112V#	1 1/2		16
9952V#	2		10
995212V#	2 1/2		6

96#

AUG 108

Elbow union 90°, conical sealing, female/female thread, black



Article No.	Dimension	Bag	Box
99612S#	1/2	10	80
99634S#	3/4	10	50
9961S#	1	10	40
996114S#	1 1/4		20
996112S#	1 1/2		16
9962S#	2		10

96#

AUG 109

Elbow union 90°, conical sealing, female/female thread, galvanised



Article No.	Dimension	Bag	Box
99612V#	1/2	10	80
99634V#	3/4	10	50
9961V#	1	10	40
996114V#	1 1/4		20
996112V#	1 1/2		16
9962V#	2		10
996212V#	2 1/2		6
9963V#	3		3

97#

AUG 108

Elbow union, female/male thread, flat sealing, black



Article No.	Dimension	Bag	Box
99712S#	1/2	10	80
99734S#	3/4	10	40
9971S#	1	10	30
997114S#	1 1/4		18
997112S#	1 1/2		12
9972S#	2		7

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97#

AUG 109

Elbow union, female/male thread, flat sealing, galvanised



Article No.	Dimension	Bag	Box
99712V#	1/2	10	80
99734V#	3/4	10	40
9971V#	1	10	30
997114V#	1 1/4		18
997112V#	1 1/2		12
9972V#	2		7

98#

AUG 108

Elbow union 90°, conical sealing, female/male thread, black



Article No.	Dimension	Bag	Box
99814S#	1/4	10	120
99812S#	1/2	10	80
99834S#	3/4	10	40
9981S#	1	10	30
998114S#	1 1/4		18
998112S#	1 1/2		12
9982S#	2		7
998212S#	2 1/2		4

98#

AUG 109

Elbow union 90°, conical sealing, female/male thread, galvanised



Article No.	Dimension	Bag	Box
99838V#	3/8	10	100
99812V#	1/2	10	80
99834V#	3/4	10	40
9981V#	1	10	30
998114V#	1 1/4		18
998112V#	1 1/2		12
9982V#	2		7
998212V#	2 1/2		4
9983V#	3		3

120#

AUG 108

Elbow 45°, female/female thread, black



Article No.	Dimension	Bag	Box
912012S#	1/2	10	200
912034S#	3/4	10	120
91201S#	1	10	80
9120114S#	1 1/4		45
9120112S#	1 1/2		30
91202S#	2		18

120#

AUG 109

Elbow 45°, female/female thread, galvanised



Article No.	Dimension	Bag	Box
912012V#	1/2	10	200
912034V#	3/4	10	120
91201V#	1	10	80
9120114V#	1 1/4		45
9120112V#	1 1/2		30
91202V#	2		18

121#

AUG 108

Elbow 45°, female/male thread, black



Article No.	Dimension	Bag	Box
912112S#	1/2	10	200
912134S#	3/4	10	150
91211S#	1	10	90
9121114S#	1 1/4		50
9121112S#	1 1/2		35
91212SB#	2		20

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121#

AUG 109

Elbow 45°, female/male thread, galvanised



Article No.	Dimension	Bag	Box
912112V#	1/2	10	200
912134V#	3/4	10	150
91211V#	1	10	90
9121114V#	1 1/4		50
9121112V#	1 1/2		35
91212VB#	2		20

130#

AUG 108

Tee, female threads, black



Article No.	Dimension	Bag	Box
913014S#	1/4	10	300
913038S#	3/8	10	180
913012S#	1/2	10	120
913034S#	3/4	10	60
91301S#	1	10	40
9130114S#	1 1/4		25
9130112S#	1 1/2		22
91302S#	2		13
9130212SA#	2 1/2		6
91303S#	3		4
91304S#	4		2
9130123812S#	1/2 x 3/8 x 1/2	10	130
9130123412S#	1/2 x 3/4 x 1/2	10	90
9130343834S#	3/4 x 3/8 x 3/4	10	100
9130341234S#	3/4 x 1/2 x 3/4	10	90
91301381S#	1 x 3/8 x 1	10	60
91301121S#	1 x 1/2 x 1	10	60
91301341S#	1 x 3/4 x 1	10	50
913011121S#	1 x 1 1/2 x 1		30
913011412114S#	1 1/4 x 1/2 x 1 1/4		40
913011434114S#	1 1/4 x 3/4 x 1 1/4		40
91301141114S#	1 1/4 x 1 x 1 1/4		35
913011212112S#	1 1/2 x 1/2 x 1 1/2		30
913011234112S#	1 1/2 x 3/4 x 1 1/2		30
91301121112S#	1 1/2 x 1 x 1 1/2		25
91302122S#	2 x 1/2 x 2		20

130#

AUG 108

Tee, female threads, black



Article No.	Dimension	Bag	Box
91302342S#	2 x 3/4 x 2		20
9130212SB#	2 x 1 x 2		18
913021142S#	2 x 1 1/4 x 2		15
913021122S#	2 x 1 1/2 x 2		15
9130123838S#	1/2 x 3/8 x 3/8	10	150
9130121238S#	1/2 x 1/2 x 3/8	10	150
9130341212S#	3/4 x 1/2 x 1/2	10	100
9130343438S#	3/4 x 3/4 x 3/8	10	80
9130343412S#	3/4 x 3/4 x 1/2	10	80
913011234S#	1 x 1/2 x 3/4	10	70
913013412S#	1 x 3/4 x 1/2	10	50
913013434S#	1 x 3/4 x 3/4	10	50
91301138S#	1 x 1 x 3/8	10	60
91301112S#	1 x 1 x 1/2	10	50
91301134S#	1 x 1 x 3/4	10	50
9130114121S#	1 1/4 x 1/2 x 1		45
913011411S#	1 1/4 x 1 x 1		35
913011411412S#	1 1/4 x 1 1/4 x 1/2		35
91301141141S#	1 1/4 x 1 1/4 x 1		30

130#

AUG 109

Tee, female threads, galvanised



Article No.	Dimension	Bag	Box
913014V#	1/4	10	300
913038V#	3/8	10	180
913012V#	1/2	10	120
913034V#	3/4	10	60
91301V#	1	10	40
9130114V#	1 1/4		25
9130112V#	1 1/2		22
91302V#	2		13
9130212VA#	2 1/2		6
91303V#	3		4
91304V#	4		2
9130381238V#	3/8 x 1/2 x 3/8	10	130
9130121412V#	1/2 x 1/4 x 1/2	10	150

Product catalogue | 2018 | Threaded fittings from malleable cast iron

130#

AUG 109

Tee, female threads, galvanised



Article No.	Dimension	Bag	Box
9130123812V#	1/2 x 3/8 x 1/2	10	130
9130123412V#	1/2 x 3/4 x 1/2	10	90
9130343834V#	3/4 x 3/8 x 3/4	10	100
9130341234V#	3/4 x 1/2 x 3/4	10	90
913034134V#	3/4 x 1 x 3/4	10	60
91301121V#	1 x 1/2 x 1	10	60
91301341V#	1 x 3/4 x 1	10	50
91301141V#	1 x 1 1/4 x 1		35
913011121V#	1 x 1 1/2 x 1		30
913011412114V#	1 1/4 x 1/2 x 1 1/4		40
913011434114V#	1 1/4 x 3/4 x 1 1/4		40
91301141114V#	1 1/4 x 1 x 1 1/4		35
9130114112114V#	1 1/4 x 1 1/2 x 1 1/4		20
913011212112V#	1 1/2 x 1/2 x 1 1/2		30
913011234112V#	1 1/2 x 3/4 x 1 1/2		30
91301121112V#	1 1/2 x 1 x 1 1/2		25
9130112114112V#	1 1/2 x 1 1/4 x 1 1/2		20
91301122112V#	1 1/2 x 2 x 1 1/2		18
91302122V#	2 x 1/2 x 2		20
91302342V#	2 x 3/4 x 2		20
9130212VB#	2 x 1 x 2		18
913021142V#	2 x 1 1/4 x 2		15
913021122V#	2 x 1 1/2 x 2		15
913021234212V#	2 1/2 x 3/4 x 2 1/2		6
91302121212V#	2 1/2 x 1 x 2 1/2		8
9130212114212V#	2 1/2 x 1 1/4 x 2 1/2		12
91302122212V#	2 1/2 x 2 x 2 1/2		8
9130313V#	3 x 1 x 3		6
913031143V#	3 x 1 1/4 x 3		6
913031123V#	3 x 1 1/2 x 3		6
9130323V#	3 x 2 x 3		5
913032123V#	3 x 2 1/2 x 3		5
9130424V#	4 x 2 x 4		2
913042124V#	4 x 2 1/2 x 4		2
9130434V#	4 x 3 x 4		2
9130121238V#	1/2 x 1/2 x 3/8	10	150
9130341212V#	3/4 x 1/2 x 1/2	10	100
9130343412V#	3/4 x 3/4 x 1/2	10	80
913011212V#	1 x 1/2 x 1/2	10	60
913011234V#	1 x 1/2 x 3/4	10	70
913013412V#	1 x 3/4 x 1/2	10	50

130#

AUG 109

Tee, female threads, galvanised



Article No.	Dimension	Bag	Box
913013434V#	1 x 3/4 x 3/4	10	50
91301112V#	1 x 1 x 1/2	10	50
91301134V#	1 x 1 x 3/4	10	50
9130114341V#	1 1/4 x 3/4 x 1		40
9130114134V#	1 1/4 x 1 x 3/4		40
913011411V#	1 1/4 x 1 x 1		35
913011411412V#	1 1/4 x 1 1/4 x 1/2		35
913011411434V#	1 1/4 x 1 1/4 x 3/4		35
91301141141V#	1 1/4 x 1 1/4 x 1		30
913011212114V#	1 1/2 x 1/2 x 1 1/4		30
91301121114V#	1 1/2 x 1 x 1 1/4		25
91301121141V#	1 1/2 x 1 1/4 x 1		30
9130112114114V#	1 1/2 x 1 1/4 x 1 1/4		20
913011211212V#	1 1/2 x 1 1/2 x 1/2		24
913011211234V#	1 1/2 x 1 1/2 x 3/4		25
91301121121V#	1 1/2 x 1 1/2 x 1		20
9130112112114V#	1 1/2 x 1 1/2 x 1 1/4		25
91302114114V#	2 x 1 1/4 x 1 1/4		15
91302112114V#	2 x 1 1/2 x 1 1/4		16
91302212V#	2 x 2 x 1/2		15
91302234V#	2 x 2 x 3/4		18
9130221V#	2 x 2 x 1		18
913022114V#	2 x 2 x 1 1/4		15
913022112V#	2 x 2 x 1 1/2		14
9130212112212V#	2 1/2 x 1 1/2 x 2 1/2		12
91302122122V#	2 1/2 x 2 1/2 x 2		8

131#

AUG 108

Black pitcher tee



Article No.	Dimension	Bag	Box
913112S#	1/2	o.r.	o.r.
913134S#	3/4	o.r.	o.r.
91311S#	1	o.r.	o.r.
9131114S#	1 1/4	o.r.	o.r.
9131112S#	1 1/2	o.r.	o.r.
91312S#	2	o.r.	o.r.

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131#

AUG 109

Galvanised pitcher tee



Article No.	Dimension	Bag	Box	
913134V#	3/4	o. r.	o. r.	
91311V#	1	o. r.	o. r.	
9131114V#	1 1/4	o. r.	o. r.	
9131112V#	1 1/2	o. r.	o. r.	
91312V#	2	o. r.	o. r.	

180#

AUG 108

Cross, female threads, black



Article No.	Dimension	Bag	Box	
918012S#	1/2	10	110	
918034S#	3/4	10	50	
91801S#	1	10	40	
9180114S#	1 1/4		25	
9180112S#	1 1/2		18	
91802S#	2		7	

180#

AUG 109

Cross, female threads, galvanised



Article No.	Dimension	Bag	Box	
918038V#	3/8	10	140	
918012V#	1/2	10	110	
918034V#	3/4	10	50	
91801V#	1	10	40	
9180114V#	1 1/4		25	
9180112V#	1 1/2		18	
91802V#	2		7	
9180212V#	2 1/2		5	
91803V#	3		3	

221#

AUG 109

Distributor, female threads, galvanised



Article No.	Dimension	Bag	Box	
922112V#	1/2	10	120	
922134V#	3/4	10	80	
92211V#	1	10	50	
9221114V#	1 1/4		25	
9221112V#	1 1/2		20	
92212VB#	2		12	

240#

AUG 108

Reducing coupling, female/female thread, black



Article No.	Dimension	Bag	Box	
92403814S#	3/8 x 1/4	10	500	
92401214S#	1/2 x 1/4	10	300	
92401238S#	1/2 x 3/8	10	300	
92403438S#	3/4 x 3/8	10	160	
92403412S#	3/4 x 1/2	10	150	
9240138S#	1 x 3/8	10	140	
9240112S#	1 x 1/2	10	120	
9240134S#	1 x 3/4	10	100	
924011412S#	1 1/4 x 1/2	10	90	
924011434S#	1 1/4 x 3/4		90	
92401141S#	1 1/4 x 1		80	
924011212S#	1 1/2 x 1/2		60	
924011234S#	1 1/2 x 3/4		60	
92401121S#	1 1/2 x 1		50	
9240112114S#	1 1/2 x 1 1/4		50	
9240234S#	2 x 3/4		42	
924021S#	2 x 1		42	
92402114S#	2 x 1 1/4		30	
92402112S#	2 x 1 1/2		30	

240#

AUG 109

Reducing coupling, female/female thread, galvanised



Article No.	Dimension	Bag	Box	
92403818V#	3/8 x 1/8	10	500	
92403814V#	3/8 x 1/4	10	500	
92401214V#	1/2 x 1/4	10	300	

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240#

AUG 109

Reducing coupling, female/female thread, galvanised



Article No.	Dimension	Bag	Box
92401238V#	1/2 x 3/8	10	300
92403414V#	3/4 x 1/4	10	180
92403438V#	3/4 x 3/8	10	160
92403412V#	3/4 x 1/2	10	150
9240138V#	1 x 3/8	10	140
9240112V#	1 x 1/2	10	120
9240134V#	1 x 3/4	10	100
924011412V#	1 1/4 x 1/2	10	90
924011434V#	1 1/4 x 3/4		90
92401141V#	1 1/4 x 1		80
924011212V#	1 1/2 x 1/2		60
924011234V#	1 1/2 x 3/4		60
92401121V#	1 1/2 x 1		50
9240112114V#	1 1/2 x 1 1/4		50
9240212V#	2 x 1/2		42
9240234V#	2 x 3/4		42
924021V#	2 x 1		42
92402114V#	2 x 1 1/4		30
92402112V#	2 x 1 1/2		30
9240212112V#	2 1/2 x 1 1/2		27
92402122V#	2 1/2 x 2		18
924032V#	3 x 2		18
92403212V#	3 x 2 1/2		12
924042V#	4 x 2		6
924043V#	4 x 3		6

241#

AUG 108

Reducing nipple, male/female thread, black



Article No.	Dimension	Bag	Box
92411418S#	1/4 x 1/8	10	1000
92413818S#	3/8 x 1/8	10	1000
92413814S#	3/8 x 1/4	10	1000
92411218S#	1/2 x 1/8	10	500
92411214S#	1/2 x 1/4	10	500
92411238S#	1/2 x 3/8	10	500
92413414S#	3/4 x 1/4	10	320
92413438S#	3/4 x 3/8	10	320
92413412S#	3/4 x 1/2	10	320
9241138S#	1 x 3/8	10	200
9241112S#	1 x 1/2	10	200

241#

AUG 108

Reducing nipple, male/female thread, black



Article No.	Dimension	Bag	Box
9241134S#	1 x 3/4	10	200
924111412S#	1 1/4 x 1/2		140
924111434S#	1 1/4 x 3/4		140
92411141S#	1 1/4 x 1		140
924111212S#	1 1/2 x 1/2		110
924111234S#	1 1/2 x 3/4		110
92411121S#	1 1/2 x 1		110
9241112114S#	1 1/2 x 1 1/4		110
9241212S#	2 x 1/2		50
9241234S#	2 x 3/4		50
924121S#	2 x 1		60
92412114S#	2 x 1 1/4		60
92412112S#	2 x 1 1/2		60
9241212112S#	2 1/2 x 1 1/2		30
92412122S#	2 1/2 x 2		30
924132S#	3 x 2		24
92413212S#	3 x 2 1/2		24
924142S#	4 x 2		9

241#

AUG 109

Reducing nipple, male/female thread, galvanised



Article No.	Dimension	Bag	Box
92411418V#	1/4 x 1/8	10	1000
92413818V#	3/8 x 1/8	10	1000
92413814V#	3/8 x 1/4	10	1000
92411218V#	1/2 x 1/8	10	500
92411214V#	1/2 x 1/4	10	500
92411238V#	1/2 x 3/8	10	500
92413414V#	3/4 x 1/4	10	320
92413438V#	3/4 x 3/8	10	320
92413412V#	3/4 x 1/2	10	320
9241114V#	1 x 1/4	10	200
9241138V#	1 x 3/8	10	200
9241112V#	1 x 1/2	10	200
9241134V#	1 x 3/4	10	200
924111438V#	1 1/4 x 3/8		200
924111412V#	1 1/4 x 1/2		140
924111434V#	1 1/4 x 3/4		140
92411141V#	1 1/4 x 1		140
924111238V#	1 1/2 x 3/8		120

Product catalogue | 2018 | Threaded fittings from malleable cast iron

241#

AUG 109

Reducing nipple, male/female thread, galvanised



Article No.	Dimension	Bag	Box
924111212V#	1 1/2 x 1/2		110
924111234V#	1 1/2 x 3/4		110
924111211V#	1 1/2 x 1		110
9241112114V#	1 1/2 x 1 1/4		110
9241212V#	2 x 1/2		50
9241234V#	2 x 3/4		50
924121V#	2 x 1		60
92412114V#	2 x 1 1/4		60
92412112V#	2 x 1 1/2		60
924121234V#	2 1/2 x 3/4		30
92412121V#	2 1/2 x 1		30
9241212114V#	2 1/2 x 1 1/4		30
9241212112V#	2 1/2 x 1 1/2		30
92412122V#	2 1/2 x 2		30
924131V#	3 x 1		24
92413114V#	3 x 1 1/4		24
92413112V#	3 x 1 1/2		20
924132V#	3 x 2		24
92413212V#	3 x 2 1/2		24
92414112V#	4 x 1 1/2		9
924142V#	4 x 2		9
92414212V#	4 x 2 1/2		9
924143V#	4 x 3		12
924154V#	5 x 4		6

245#

AUG 108

Reducing adaptor, male/male thread, black



Article No.	Dimension	Bag	Box
92453814S#	3/8 x 1/4	10	700
92451214S#	1/2 x 1/4	10	400
92451238S#	1/2 x 3/8	10	400
92453412S#	3/4 x 1/2	10	220
9245112S#	1 x 1/2	10	150
9245134S#	1 x 3/4	10	140
924511434S#	1 1/4 x 3/4		100
92451141S#	1 1/4 x 1		85
924511234S#	1 1/2 x 3/4		60

245#

AUG 108

Reducing adaptor, male/male thread, black



Article No.	Dimension	Bag	Box
92451121S#	1 1/2 x 1		60
9245112114S#	1 1/2 x 1 1/4		60
924521S#	2 x 1		45
92452114S#	2 x 1 1/4		48
92452112S#	2 x 1 1/2		48
92452122S#	2 1/2 x 2		25
924532S#	3 x 2		20

245#

AUG 109

Reducing adaptor, male/male thread, galvanised



Article No.	Dimension	Bag	Box
92451418V#	1/4 x 1/8	10	800
92453814V#	3/8 x 1/4	10	700
92451214V#	1/2 x 1/4	10	400
92451238V#	1/2 x 3/8	10	400
92453438V#	3/4 x 3/8	10	250
92453412V#	3/4 x 1/2	10	220
9245112V#	1 x 1/2	10	150
9245134V#	1 x 3/4	10	140
924511412V#	1 1/4 x 1/2		100
924511434V#	1 1/4 x 3/4		100
92451141V#	1 1/4 x 1		85
924511234V#	1 1/2 x 3/4		60
92451121V#	1 1/2 x 1		60
9245112114V#	1 1/2 x 1 1/4		60
924521V#	2 x 1		45
92452114V#	2 x 1 1/4		48
92452112V#	2 x 1 1/2		48
9245212112V#	2 1/2 x 1 1/2		25
92452122V#	2 1/2 x 2		25
924532V#	3 x 2		20
92453212V#	3 x 2 1/2		16
92454212V#	4 x 2 1/2		7
924543V#	4 x 3		8

Product catalogue | 2018 | Threaded fittings from malleable cast iron

246#

AUG 108

Reducer, male/female thread, black



Article No.	Dimension	Bag	Box
92463814S#	3/8 x 1/4	10	400
92461238S#	1/2 x 3/8	10	320
92463412S#	3/4 x 1/2	10	200
9246112S#	1 x 1/2	10	130
9246134S#	1 x 3/4	10	110
924611434S#	1 1/4 x 3/4		80
92461141S#	1 1/4 x 1		70
92461121S#	1 1/2 x 1		60
9246112114S#	1 1/2 x 1 1/4		50
92462114S#	2 x 1 1/4		42
92462112S#	2 x 1 1/2		42
92462122S#	2 1/2 x 2		24
924632S#	3 x 2		15
92463212S#	3 x 2 1/2		15

246#

AUG 109

Reducer, male/female thread, galvanised



Article No.	Dimension	Bag	Box
92461418V#	1/4 x 1/8	10	800
92463814V#	3/8 x 1/4	10	400
92461214V#	1/2 x 1/4	10	350
92461238V#	1/2 x 3/8	10	320
92463438V#	3/4 x 3/8	10	100
92463412V#	3/4 x 1/2	10	200
9246112V#	1 x 1/2	10	130
9246134V#	1 x 3/4	10	110
924611412V#	1 1/4 x 1/2		85
924611434V#	1 1/4 x 3/4		85
92461141V#	1 1/4 x 1		70
924611234V#	1 1/2 x 3/4		60
92461121V#	1 1/2 x 1		60
9246112114V#	1 1/2 x 1 1/4		50
924621V#	2 x 1		42
92462114V#	2 x 1 1/4		42
92462112V#	2 x 1 1/2		42
92462122V#	2 1/2 x 2		24
924632V#	3 x 2		15
92463212V#	3 x 2 1/2		15

270#

AUG 108

Coupling, female/female thread, black



Article No.	Dimension	Bag	Box
927018S#	1/8	10	700
927014S#	1/4	10	500
927038S#	3/8	10	300
927012S#	1/2	10	250
927034S#	3/4	10	150
92701S#	1	10	90
9270114S#	1 1/4		70
9270112S#	1 1/2		50
92702S#	2		24
9270212S#	2 1/2		18
92703S#	3		12

270#

AUG 109

Coupling, right/left thread, galvanised



Article No.	Dimension	Bag	Box
927018V#	1/8	10	700
927014V#	1/4	10	500
927038V#	3/8	10	300
927012V#	1/2	10	250
927034V#	3/4	10	150
92701V#	1	10	90
9270114V#	1 1/4		70
9270112V#	1 1/2		50
92702V#	2		24
9270212V#	2 1/2		18
92703V#	3		12
92704V#	4		5

271#

AUG 109

Coupling, right/left thread, galvanised



Article No.	Dimension	Bag	Box
927112V#	1/2	10	250
927134V#	3/4	10	150
92711V#	1	10	90
9271114V#	1 1/4		70

Product catalogue | 2018 | Threaded fittings from malleable cast iron

271#

AUG 109

Coupling, right/left thread, galvanised



Article No.	Dimension	Bag	Box
9271112V#	1 1/2		50
92712V#	2		24

272#

AUG 108

Black socket with continuous thread



Article No.	Dimension	Bag	Box
927212S#	1/2	o. r.	o. r.
927234S#	3/4	o. r.	o. r.
92721S#	1	o. r.	o. r.
9272114S#	1 1/4	o. r.	o. r.
9272112S#	1 1/2	o. r.	o. r.

272#

AUG 109

Coupling, female/female thread, galvanised



Article No.	Dimension	Bag	Box
927212V#	1/2	10	250
927234V#	3/4	10	150
92721V#	1	10	90
9272114V#	1 1/4		70
9272112V#	1 1/2		50
92722V#	2		24
9272212V#	2 1/2		18
92723V#	3		12
92724V#	4		5

280#

AUG 108

Adaptor, male/male thread, black



Article No.	Dimension	Bag	Box
928018S#	1/8	10	1200
928014S#	1/4	10	800
928038S#	3/8	10	450
928012S#	1/2	10	350

280#

AUG 108

Adaptor, male/male thread, black



Article No.	Dimension	Bag	Box
928034S#	3/4	10	200
92801S#	1	10	100
9280114S#	1 1/4		70
9280112S#	1 1/2		45
92802S#	2		30
9280212S#	2 1/2		20
92803S#	3		12
92804S#	4		6

280#

AUG 109

Adaptor, male/male thread, galvanised



Article No.	Dimension	Bag	Box
928018V#	1/8	10	1200
928014V#	1/4	10	800
928038V#	3/8	10	450
928012V#	1/2	10	350
928034V#	3/4	10	200
92801V#	1	10	100
9280114V#	1 1/4		70
9280112V#	1 1/2		45
92802V#	2		30
9280212V#	2 1/2		20
92803V#	3		12
92804V#	4		6
92805V#	5		4

290#

AUG 108

Plug with edge, male thread, black



Article No.	Dimension	Bag	Box
929018S#	1/8	10	1000
929014S#	1/4	10	1000
929038S#	3/8	10	800
929012S#	1/2	10	450
929034S#	3/4	10	300
92901S#	1	10	180
9290114S#	1 1/4		140

Product catalogue | 2018 | Threaded fittings from malleable cast iron

290#

AUG 108

Plug with edge, male thread, black



Article No.	Dimension	Bag	Box
9290112S#	1 1/2		100
92902S#	2		60
9290212S#	2 1/2		35
92903S#	3		20
92904S#	4		14

290#

AUG 109

Plug with edge, male thread, galvanised



Article No.	Dimension	Bag	Box
929018V#	1/8	10	1000
929014V#	1/4	10	1000
929038V#	3/8	10	800
929012V#	1/2	10	450
929034V#	3/4	10	300
92901V#	1	10	180
9290114V#	1 1/4		140
9290112V#	1 1/2		100
92902V#	2		60
9290212V#	2 1/2		35
92903V#	3		20
92904V#	4		14

300#

AUG 108

Cap, hexagon, female thread, black



Article No.	Dimension	Bag	Box
930014S#	1/4	10	800
930038S#	3/8	10	700
930012S#	1/2	10	400
930034S#	3/4	10	250
93001S#	1	10	150
9300114S#	1 1/4		120
9300112S#	1 1/2		90
93002S#	2		50
9300212S#	2 1/2		30
93003S#	3		21
93004S#	4		11

300#

AUG 109

Cap, hexagon, female thread, galvanised



Article No.	Dimension	Bag	Box
930014V#	1/4	10	800
930038V#	3/8	10	700
930012V#	1/2	10	400
930034V#	3/4	10	250
93001V#	1	10	150
9300114V#	1 1/4		120
9300112V#	1 1/2		90
93002V#	2		50
9300212V#	2 1/2		30
93003V#	3		21
93004V#	4		11

310#

AUG 108

Hexagon nut, black



Article No.	Dimension	Bag	Box
931012S#	1/2	10	680
931034S#	3/4	10	400
93101S#	1	10	250
9310114S#	1 1/4		200
9310112S#	1 1/2		150
93102S#	2		100
9310212S#	2 1/2		40

310#

AUG 109

Hexagon nut, galvanised



Article No.	Dimension	Bag	Box
931038V#	3/8	10	1000
931012V#	1/2	10	680
931034V#	3/4	10	400
93101V#	1	10	250
9310114V#	1 1/4		200
9310112V#	1 1/2		150
93102V#	2		100
9310212V#	2 1/2		40
93103V#	3		35

Product catalogue | 2018 | Threaded fittings from malleable cast iron

330#

AUG 108

Union, female/female thread, flat sealing, black



Article No.	Dimension	Bag	Box
933012S#	1/2	10	120
933034S#	3/4	10	80
93301S#	1	10	50
9330114S#	1 1/4		30
9330112S#	1 1/2		25
93302S#	2		14

330#

AUG 109

Union, female/female thread, flat sealing, galvanised



Article No.	Dimension	Bag	Box
933012V#	1/2	10	120
933034V#	3/4	10	80
93301V#	1	10	50
9330114V#	1 1/4		30
9330112V#	1 1/2		25
93302V#	2		14
9330212V#	2 1/2		10
93303V#	3		5

331#

AUG 108

Union, with female/male thread, flat sealing, black



Article No.	Dimension	Bag	Box
933138S#	3/8	10	180
933112S#	1/2	10	120
933134S#	3/4	10	60
93311S#	1		40
9331114S#	1 1/4		25
9331112S#	1 1/2		20
93312S#	2		12
9331212S#	2 1/2		7

331#

AUG 109

Union, with female/male thread, flat sealing, galvanised



Article No.	Dimension	Bag	Box
933112V#	1/2	10	120
933134V#	3/4	10	60
93311V#	1	10	40
9331114V#	1 1/4		25
9331112V#	1 1/2		20
93312V#	2		12
9331212V#	2 1/2		7
93313V#	3		4

340#

AUG 108

Union, female/female thread, conical sealing, black



Article No.	Dimension	Bag	Box
934038S#	3/8	10	200
934012S#	1/2	10	120
934034S#	3/4	10	60
93401S#	1	10	50
9340114S#	1 1/4		30
9340112S#	1 1/2		25
93402S#	2		14
9340212S#	2 1/2		12
93403S#	3		5

340#

AUG 109

Union, female/female thread, conical sealing, galvanised



Article No.	Dimension	Bag	Box
934014V#	1/4	10	250
934038V#	3/8	10	200
934012V#	1/2	10	120
934034V#	3/4	10	60
93401V#	1	10	50
9340114V#	1 1/4		30
9340112V#	1 1/2		25
93402V#	2		14
9340212V#	2 1/2		12
93403V#	3		5
93404V#	4		4

Product catalogue | 2018 | Threaded fittings from malleable cast iron

341#

AUG 108

Union, with female/male thread, conical sealing, black



Article No.	Dimension	Bag	Box
934138S#	3/8	10	180
934112S#	1/2	10	120
934134S#	3/4	10	60
93411S#	1	10	40
9341114S#	1 1/4		25
9341112S#	1 1/2		20
93412S#	2		12
9341212S#	2 1/2		7
93413S#	3		4

341#

AUG 109

Union, with female/male thread, conical sealing, galvanised



Article No.	Dimension	Bag	Box
934114V#	1/4	10	200
934138V#	3/8	10	180
934112V#	1/2	10	120
934134V#	3/4	10	60
93411V#	1	10	40
9341114V#	1 1/4		25
9341112V#	1 1/2		20
93412V#	2		12
9341212V#	2 1/2		7
93413V#	3		4
93414V#	4		2

370#

AUG 108

Screwed insert, flat sealing, female/male thread, black



Article No.	Dimension	Bag	Box
93701112S#	1 x 1 1/2		150

371#

AUG 108

Insert, male thread, flat sealing, black



Article No.	Dimension	Bag	Box
93711112S#	1 x 1 1/2		130
93711142S#	1 1/4 x 2		70

372#

AUG 108

Insert, female thread, flat sealing, black



Article No.	Dimension	Bag	Box
937234114S#	3/4 x 1 1/4		300
93721112S#	1 x 1 1/2		220
93721142S#	1 1/4 x 2		100

372#

AUG 109

Insert, female thread, flat sealing, galvanised



Article No.	Dimension	Bag	Box
93721112V#	1 x 1 1/2		220
93721142V#	1 1/4 x 2		100
9372112214V#	1 1/2 x 2 1/4		80

374#

AUG 108

Cap nut, black



Article No.	Dimension	Bag	Box
93741112S#	1 x 1 1/2		150
93741142S#	1 1/4 x 2		70

374#

AUG 109

Cap nut, galvanised



Article No.	Dimension	Bag	Box
93741112V#	1 x 1 1/2		150
93741142V#	1 1/4 x 2		70

Product catalogue | 2018 | Threaded fittings from malleable cast iron

471#

AUG 109

Wall plate, female/female thread, galvanised



Article No.	Dimension	Bag	Box
947112V#	1/2	10	80
947134V#	3/4	10	40

529A#

AUG 108

Extension with female/male thread, black



Article No.	Dimension	Bag	Box
952938S#	3/8	10	450
952912S#	1/2	10	300
952934S#	3/4	10	160
95291S#	1	10	90
9529114S#	1 1/4		60
95292S#	2		28

529A#

AUG 109

Extension with female/male thread, galvanised



Article No.	Dimension	Bag	Box
952938V#	3/8	o. r.	o. r.
952912V#	1/2	10	300
952934V#	3/4	10	160
95291V#	1	10	90
9529114V#	1 1/4		60
9529112V#	1 1/2		50
95292V#	2		28

DTG

AUG 602

DTG Centellen seal, for malleable cast iron union, tested according to DIN 3535 Part 6,
 – made without asbestos
 – max. temperature resistance 200 °C
 – field of application: water, vapour, alcohols, glycols, oils based on hydrocarbons, inflammable gases



Article No.	Dimension	Bag	Box
9DTG14	1/4" 24 x 17 x 2	150	600
9DTG38	3/8" 27 x 19 x 2	100	400
9DTG12	1/2" 30 x 21 x 2	100	400
9DTG34	3/4" 38 x 27 x 2	100	400
9DTG1	1" 44 x 32 x 2	100	400
9DTG114	1 1/4" 55 x 42 x 2	60	240
9DTG112	1 1/2" 62 x 45 x 2	50	200
9DTG2	2" 78 x 60 x 2	30	120
9DTG212	2 1/2" 97 x 75 x 2	20	80
9DTG3	3" 110 x 88 x 2	10	40



THREADED FITTINGS | Mild steel

PIPE ADAPTORS AND COUPLINGS

from mild steel



PIPE ADAPTORS AND COUPLINGS

Pipe adaptors and couplings

SANHA couplings, half-couplings and pipe adaptors from mild steel are produced in black or galvanised versions and offer a wide range of economical options for the installation of heating and compressed air systems.

Areas of application

Heating	Compressed air	
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Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | from mild steel

16

AUG 110

Coupling, welded version, black



Article No.	Dimension	Bag	Box
11614S	1/4	10	500
11638S	3/8	10	300
11612S	1/2	10	150
11634S	3/4	10	120
1161260S	1/2 x 60	10	100
1161280S	1/2 x 80	10	80
11612100S	1/2 x 100	10	50
1161S	1	10	60
116114S	1 1/4		45
116112S	1 1/2		35
1162S	2		20
116212S	2 1/2		12
1163S	3		8
1164S	4		4

16

AUG 111

Coupling, welded version, galvanised



Article No.	Dimension	Bag	Box
11614V	1/4	10	500
11638V	3/8	10	300
11612V	1/2	10	150
11634V	3/4	10	120
1161V	1	10	60
116114V	1 1/4		45
116112V	1 1/2		35
1162V	2		20

16D

AUG 110

Half-coupling, welded version, black



Article No.	Dimension	Bag	Box
116D38S	3/8		1000
116D12S	1/2		350
116D34S	3/4		300
116D1S	1		150
116D114S	1 1/4		100
116D112S	1 1/2		80

16D

AUG 110

Half-coupling, welded version, black



Article No.	Dimension	Bag	Box
116D2S	2		40
116D212S	2 1/2		25

23

AUG 110

Pipe adaptor, male/male thread, wrought iron, black



Article No.	Dimension	Bag	Box
1231480S	1/4 x 80	10	200
12314100S	1/4 x 100	10	150
12314120S	1/4 x 120	10	120
12314150S	1/4 x 150	10	120
1233840S	3/8 x 40	10	300
1233860S	3/8 x 60	10	250
12338100S	3/8 x 100	10	100
12338120S	3/8 x 120	10	100
12338150S	3/8 x 150	10	80
12338180S	3/8 x 180	10	80
12338250S	3/8 x 250	10	80
12338300S	3/8 x 300	10	100
1231240S	1/2 x 40	10	200
1231260S	1/2 x 60	10	160
1231280S	1/2 x 80	10	150
12312100S	1/2 x 100	10	100
12312120S	1/2 x 120	10	90
12312150S	1/2 x 150	10	60
12312200S	1/2 x 200	10	60
12312250S	1/2 x 250	10	60
1233440S	3/4 x 40	10	120
1233460S	3/4 x 60	10	90
1233480S	3/4 x 80	10	70
12334100S	3/4 x 100	10	50
12334120S	3/4 x 120	5	50
12334150S	3/4 x 150	5	50
12334200S	3/4 x 200	5	30
123140S	1 x 40	10	80
123160S	1 x 60	10	80
123180S	1 x 80	10	50
1231100S	1 x 100	10	40
1231120S	1 x 120	5	40
1231150S	1 x 150	5	30
1231180S	1 x 180	5	20

Product catalogue | 2018 | from mild steel

23

AUG 110

Pipe adaptor, male/male thread, wrought iron, black



Article No.	Dimension	Bag	Box
1231200S	1 x 200	5	20
1231250SA	1 x 250	5	20
12311440S	1 1/4 x 40	5	60
12311460S	1 1/4 x 60	5	40
12311480S	1 1/4 x 80	5	35
123114100S	1 1/4 x 100		20
123114120S	1 1/4 x 120		20
123114150S	1 1/4 x 150		20
123114200S	1 1/4 x 200		15
12311260S	1 1/2 x 60		30
12311280S	1 1/2 x 80		20
123112100S	1 1/2 x 100		20
123112120S	1 1/2 x 120		20
123112150S	1 1/2 x 150		15
123112180S	1 1/2 x 180		15
123112200S	1 1/2 x 200		12
123112250S	1 1/2 x 250		12
123112300S	1 1/2 x 300		15
123280S	2 x 80		16
1232100S	2 x 100		12
1232120S	2 x 120		12
1232150S	2 x 150		12
1232180S	2 x 180		8
1232200S	2 x 200		6
12321260S	2 1/2 x 60		12
123212100S	2 1/2 x 100		6
123212120S	2 1/2 x 120		6
123212150S	2 1/2 x 150		5
123212180S	2 1/2 x 180		3
123212200S	2 1/2 x 200		4
123212250S	2 1/2 x 250		3
123212300S	2 1/2 x 300		6
123360S	3 x 60		10
1233150S	3 x 150		3
1233180S	3 x 180		3
1233200S	3 x 200		2
123460S	4 x 60		6
123480S	4 x 80		3
1234100S	4 x 100		2
1234120S	4 x 120		2

23

AUG 111

Pipe adaptor, male/male thread, wrought iron, galvanised



Article No.	Dimension	Bag	Box
1231440V	1/4 x 40	10	500
1231460V	1/4 x 60	10	400
1231480V	1/4 x 80	10	200
12314100V	1/4 x 100	10	150
12314120V	1/4 x 120	10	120
1233840V	3/8 x 40	10	200
1233860V	3/8 x 60	10	250
1233880V	3/8 x 80	10	150
12338100V	3/8 x 100	10	100
12338150V	3/8 x 150	10	80
12338180V	3/8 x 180	10	80
12338250V	3/8 x 250	10	80
12338300V	3/8 x 300	10	100
1231240V	1/2 x 40	10	200
1231260V	1/2 x 60	10	160
1231280V	1/2 x 80	10	150
12312100V	1/2 x 100	10	100
12312120V	1/2 x 120	10	90
12312150V	1/2 x 150	10	60
12312180V	1/2 x 180	10	60
12312200V	1/2 x 200	10	60
12312250V	1/2 x 250	10	60
12312300V	1/2 x 300	10	70
1233440V	3/4 x 40	10	120
1233460V	3/4 x 60	10	90
1233480V	3/4 x 80	10	70
12334100V	3/4 x 100	10	50
12334120V	3/4 x 120	5	50
12334150V	3/4 x 150	5	50
12334180V	3/4 x 180	5	50
12334200V	3/4 x 200	5	30
12334250V	3/4 x 250	5	30
12334300V	3/4 x 300	5	50
123140V	1 x 40	10	80
123160V	1 x 60	10	80
123180V	1 x 80	10	50
1231100V	1 x 100	10	40
1231120V	1 x 120	5	40
1231150V	1 x 150	5	30
1231180V	1 x 180	5	20

Product catalogue | 2018 | from mild steel

23

AUG 111

Pipe adaptor, male/male thread, wrought iron, galvanised



Article No.	Dimension	Bag	Box
1231200V	1 x 200	5	20
1231250VA	1 x 250	5	20
1231300V	1 x 300	5	30
12311440V	1 1/4 x 40	5	60
12311460V	1 1/4 x 60	5	40
12311480V	1 1/4 x 80	5	35
123114100V	1 1/4 x 100		20
123114120V	1 1/4 x 120		20
123114150V	1 1/4 x 150		20
123114180V	1 1/4 x 180		15
123114200V	1 1/4 x 200		15
123114300V	1 1/4 x 300		18
12311240V	1 1/2 x 40		50
12311260V	1 1/2 x 60		30
12311280V	1 1/2 x 80		20
123112100V	1 1/2 x 100		20
123112120V	1 1/2 x 120		20
123112150V	1 1/2 x 150		15
123112180V	1 1/2 x 180		15
123112200V	1 1/2 x 200		12
123112300V	1 1/2 x 300		15
123240V	2 x 40		36
123260V	2 x 60		24
123280V	2 x 80		16
1232100V	2 x 100		12
1232120V	2 x 120		12
1232150V	2 x 150		12
1232180V	2 x 180		8
1232200V	2 x 200		6
1232300V	2 x 300		8
12321280V	2 1/2 x 80		12
123212100V	2 1/2 x 100		6
123212150V	2 1/2 x 150		6
123212180V	2 1/2 x 180		3
123212200V	2 1/2 x 200		4
123212300V	2 1/2 x 300		6
1233100V	3 x 100		5
1233200V	3 x 200		2

Pipe adaptors and couplings

SANHA

Product catalogue | 2018 | from mild steel



FITTINGS FOR BRAZING

Fittings from copper

Welded fittings "SA"

Our SA series contains copper weld elbows according to DIN 2607, torispherical heads for the pre-welding according to DIN 28011 and angle flanged wheels for pre-welding.

Maximum permissible operating pressures for copper pipes with SANHA® fittings for welding according to EN 1254-1

Type of connection	Operating temperature	Outer pipes diameter		
		15...28 mm	35...54 mm	64...108 mm
1/8" ... 4"	30 °C	40 bar	25 bar	16 bar
	65 °C	25 bar	16 bar	16 bar
	110 °C	16 bar	10 bar	10 bar

Please contact us at uk@sanha.com if you have any questions for applications or conditions outside the ones shown above.

Features

With bigger pipe dimensions, welding can sometimes be more economical than hard soldering since heat is applied specifically to the area of the weld seam for a reliable connection. With hard soldering, the whole fitting has to be heated. This can be a lengthy and time-consuming process as heat is rapidly dissipated and consequently more gas will be consumed. In addition, capillary fittings are not available for dimensions exceeding 108 mm outside diameter.

- **SANHA offers the following range of fittings for welding made of copper:**
 - Copper weld elbows according to DIN 2607, catalogue number 3k, dimensions: 35 x 1.5 mm up to 267 x 3 mm
 - Torispherical heads for pre-welding according to DIN 28011, catalogue number KB, dimensions: 35 x 1.5 mm up to 267 x 3 mm
 - Angle flanged wheels for pre-welding in accordance with DIN 86341, catalogue number WBS V, dimensions: 15 x 1.5 mm up to 267 x 3 mm

Areas of application

Drinking water	Heating	Gas and oil
Compressed air	Solar systems	Rainwater

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Fittings from copper

3K

AUG 203

Welding bend 90°, DIN 2607



Article No.	Dimension	Bag	Box
13K542	54 x 2		30
13K642	64 x 2		40
13K762	76,1 x 2		20
13K892	88,9 x 2		12
13K10825	108,0 x 2,5		6

WBS V

AUG 201

Slip-on collar according to DIN EN 1092-1
for pre-welding, material: copper



Article No.	Dimension	Bag	Box
1WBS3515V	35 x 1,5		200
1WBS4215V	42 x 1,5		100
1WBS542V	54 x 2		80
1WBS762V	76,1 x 2		45
1WBS892V	88,9 x 2		40
1WBS10825V	108,0 x 2,5		20
1WBS1333V	133 x 3		12
1WBS1593V	159 x 3		10
1WBS2193V	219 x 3		10

KB

AUG 202

Dished ends for pre-welding, copper



Article No.	Dimension	Bag	Box
1KB542	54 x 2		200
1KB642	64 x 2		150
1KB672	66,7 x 2		150
1KB762	76,1 x 2		100
1KB892	88,9 x 2		80
1KB10825	108,0 x 2,5		40
1KB1333	133 x 3		30
1KB1593	159 x 3		15
1KB2193	219 x 3		5



PUMP CONNECTIONS

from cast iron and copper alloys



PUMP CONNECTIONS FROM CAST IRON AND COPPER ALLOYS

The reliable SANHA pump connections for heating and domestic hot water pumps are made of black malleable cast iron or copper alloys. The sets comprise of two inserts and two union nuts. Depending on the application or connection technology they are available with two flat seals from WS 3280 or without seals.

All seals are asbestos-free, temperature resistant up to 200°C and tested by an internationally recognized certification body (DVGW). Pump connections are offered both with soldering sleeves, for press connections or with connecting threads according to EN 10226-1.

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Pump connections from cast iron and copper alloys

910SW

AUG 303

Pump connection, malleable cast iron, for heat pumps, each set comprises:

- 2 inserts with female thread according to DIN EN 10226-1, black
- 2 cap nuts
- 2 Centellen seals up to 200 °C, DVGW tested (asbestos-free)



Article No.	Dimension	Bag	Box
391034114S	3/4 x 1 1/4	1	60
39101112S	1 x 1 1/2	1	30
39101142S	1 1/4 x 2	1	25

920SW

AUG 303

Pump connection, malleable cast iron, for heat pumps, each set comprises:

- 2 inserts with female thread according to DIN EN 10226-1, black
- 2 cap nuts
- without sealing



Article No.	Dimension	Bag	Box
392034114S	3/4 x 1 1/4	1	60
39201112S	1 x 1 1/2	1	50
39201142S	1 1/4 x 2	1	20

926SW

AUG 303

Pump connection, malleable cast iron, for heat pumps, each set comprises:

- 2 inserts with male thread according to DIN EN 10226-1, black
- 2 cap nuts
- 2 Centellen seals up to 200 °C, DVGW tested (asbestos-free)



Article No.	Dimension	Bag	Box
39261112S	1 x 1 1/2	1	30
39261142S	1 1/4 x 2	1	15

925SW

AUG 303

Pump connection, malleable cast iron, for heat pumps, each set comprises:

- 2 inserts with male thread according to DIN EN 10226-1, black
- 2 cap nuts
- without sealing



Article No.	Dimension	Bag	Box
39251112S	1 x 1 1/2	1	25
39251142S	1 1/4 x 2	1	16

928SW

AUG 303

Cap nuts, malleable cast iron, for heat pumps, each set comprises:

- 2 cap nuts
- 2 Centellen seals up to 200 °C, DVGW tested (asbestos-free)



Article No.	Dimension	Bag	Box
39281112S	1 x 1 1/2	1	50

927SW

AUG 303

Cap nuts, malleable cast iron, for heat pumps, each set comprises:

- 2 cap nuts
- without sealing



Article No.	Dimension	Bag	Box
39271112S	1 x 1 1/2	1	35
39271142S	1 1/4 x 2	1	40

Product catalogue | 2018 | Pump connections from cast iron and copper alloys

930

AUG 301

Pump connection, red brass, for process water pumps, each set comprises:

- 2 red brass inserts with soldering sleeve
- 2 cap nuts
- 2 Flat seals up to 200 °C,
DVGW tested (asbestos-free)



Article No.	Dimension	Bag	Box
39301534	15 x 3/4	1	100
39301834	18 x 3/4	1	100
3930181	18 x 1	1	75
3930221	22 x 1	1	75
393022112	22 x 1 1/2	1	40
393028114	28 x 1 1/4	1	50

940

AUG 301

Pump connection, red brass, for process water pumps, each set comprises:

- 2 red brass inserts with soldering sleeve
- 2 cap nuts
- without sealing



Article No.	Dimension	Bag	Box
39401534	15 x 3/4	1	100
39401834	18 x 3/4	1	100
3940221	22 x 1	1	75
394022114	22 x 1 1/4	1	50
394022112	22 x 1 1/2	1	40
394028114	28 x 1 1/4	1	50
394028112	28 x 1 1/2	1	40

942

AUG 301

Pump connection, red brass, for process water pumps, each set comprises:

- 2 red brass inserts with female thread according to DIN EN 10226-1
- 2 brass cap nuts
- 2 Centellen seals up to 200 °C,
DVGW tested (asbestos-free)



Article No.	Dimension	Bag	Box
3942121	1/2 x 1	1	60
394234114	3/4 x 1 1/4	1	50
39421112	1 x 1 1/2	1	30
39421142	1 1/4 x 2	1	20

941

AUG 301

Pump connection, red brass, for process water pumps, each set comprises:

- 2 red brass inserts with soldering sleeve
- 2 cap nuts
- without sealing



Article No.	Dimension	Bag	Box
3941121	1/2 x 1	1	60
394134114	3/4 x 1 1/4	1	50
39411112	1 x 1 1/2	1	30
39411142	1 1/4 x 2	1	20

946

AUG 301

Pump connection, red brass, for process water pumps, each set comprises:

- 2 red brass inserts with male thread according to DIN EN 10226-1
- 2 brass cap nuts
- 2 Centellen seals up to 200 °C,
DVGW tested (asbestos-free)



Article No.	Dimension	Bag	Box
3946341	3/4 x 1	1	50
39461114	1 x 1 1/4	1	40

945

AUG 301

Pump connection, red brass, for process water pumps, each set comprises:

- 2 red brass inserts with female thread according to DIN EN 10226-1
- 2 brass cap nuts
- without sealing



Article No.	Dimension	Bag	Box
3945341	3/4 x 1	1	50
39451114	1 x 1 1/4	1	40
3945114112	1 1/4 x 1 1/2	1	30

Product catalogue | 2018 | Pump connections from cast iron and copper alloys

950

AUG 302

Pump connection, brass, for process water pumps, each set comprises:

- 2 inserts with soldering sleeve and male thread according to DIN EN 10226-1
- 2 brass cap nuts
- 2 Centellen seals up to 2 °C, DVGW tested (asbestos-free)



Article No.	Dimension	Bag	Box
395012151	1/2 x 15 x 1	1	40
39501215114	1/2 x 15 x 1 1/4	1	35
3950128112	1 x 28 x 1 1/2	1	25
3950114352	1 1/4 x 35 x 2	1	15

971

AUG 301

Pump connection from copper alloy press connections, DVGW tested, for heating and process water pumps, each set comprises:

- 2 copper alloy inserts with SANHA® pressing profile
- 2 brass cap nuts
- without sealings



Article No.	Dimension	Bag	Box
3971151	15 x 1	1	60
397122112	22 x 11/2	1	30
397128112	28 x 11/2	1	25

960

AUG 302

Pump connection, brass, for process water pumps, each set comprises:

- 2 inserts with soldering sleeve and male thread according to DIN EN 10226-1
- 2 brass cap nuts
- without sealing



Article No.	Dimension	Bag	Box
396012151	1/2 x 15 x 1	1	50
39601215114	1/2 x 15 x 1 1/4	1	40
3960128112	1 x 28 x 1 1/2	1	25
3960114352	1 1/4 x 35 x 2	1	15

970

AUG 301

Pump connection from copper alloy press connections, DVGW tested, for heating and process water pumps, each set comprises:

- 2 copper alloy inserts with SANHA® pressing profile,
- 2 brass cap nuts,
- 2 Centellen seals (WS 3820) up to 200 °C, DVGW tested (asbestos-free)



Article No.	Dimension	Bag	Box
39701534	15 x 3/4	1	100



PIPE CLAMPS AND PIPE CLIPS



PIPE CLAMPS AND PIPE CLIPS

For safe and proper mounting of installations, SANHA offers a wide range of practical pipe clips and pipe clamps. Pipe clamps and clips are available both in stainless steel and in brass. In addition, an assembly rail for the easy and fast installation of MultiFit®-FLEX and MultiFit®-PEX pipes and a universal insulation plate for the mounting of wall plates is also available.

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Pipe clamps and pipe clips

9830C

AUG 504

Protective clip for copper pipes



Article No.	Dimension	Bag	Box
798301216	12-16	o. r.	o. r.
7983028	28	o. r.	o. r.

9918

AUG 501

Stainless steel bracket, with sound insulation



Article No.	Dimension	Bag	Box
6991812	12	10	400
6991815	15	10	300
6991818	18	10	200
6991822	22	10	180
6991828	28	5	150
6991835	35	2	100
6991842	42	2	100
6991854	54	2	80

9919

AUG 501

Steel bracket, with sound insulation



Article No.	Dimension	Bag	Box
6991915	15		
6991918	18		
6991922	22		
6991928	28		
6991935	35		
6991942	42		
6991954	54		
6991976	76		
6991989	89		
69919108	108		

4826C

AUG 502

Brass bracket



Article No.	Dimension	Bag	Box
1482610	10	10	500
1482612	12	10	400
1482615	15	10	400
1482618	18	10	300
1482622	22	10	240
1482628	28	5	200
1482635	35	2	140
1482642	42	2	120
1482654	54	10	60

9826C

AUG 504

Pipe clip for copper pipe, single, with threaded brass bushing



Article No.	Dimension	Bag	Box
798266	6	25	5000
798268	8	25	4500
7982610	10	25	4000
7982612	12	25	2500
798261415	14/15	25	2000
798261618	16/18	25	1750
7982622	22	25	1250
7982628	28	25	700
7982635	35	25	600
7982642	42	25	500

9827C

AUG 504

Pipe clip for copper pipe, double, with threaded brass bushing



Article No.	Dimension	Bag	Box
798278	8	25	2400
7982712	12	25	1000
798271415	14/15	25	700
798271618	16/18	25	500
7982722	22	25	350
7982728	28	25	250

Product catalogue | 2018 | Pipe clamps and pipe clips

9828C

AUG 504

Pipe clip for copper pipe, single



Article No.	Dimension	Bag	Box
798286	6	25	5000
79828810	8-10	25	4000
798281216	12-16	25	2000
798281822	18-22	25	1200
7982828	28	25	700
7982835	35	25	600
7982842	42	25	500

9829C

AUG 504

Pipe clip for copper pipe, double



Article No.	Dimension	Bag	Box
79829810	8-10	25	1250
798291216	12-16	25	1000
798291822	18-22	25	750
7982928	28	25	500

8981

AUG 556

Universal insulation plate for mounting on wall plates no. 8472g, 8473g and 9472g, also suitable for installation set



Article No.	Dimension	Bag	Box
88981		1	30

23831

AUG 506

Assembly rail for MultiFit-Flex pipes



Article No.	Dimension	Bag	Box
7238311621	16 mm x 2,1 m		1



FLANGES

Press, solder and threaded flanges

FLANGES

Loose, solder, threaded and Press flanges

High quality SANHA flanges for nearly all connection technologies offer installers great flexibility for the practical and connection of (depending on the material) heating, closed cooling circuits or compressed air systems up to oil pressure class 5.

SANHA flanges are available in stainless steel, material numbers 1.4404 and 1.4301, carbon steel (material number 1.0034), copper as well as lead-free silicon bronze CuSi for completely lead-free drinking water installations. Apart from PN 10/16 flanges, SANHA offers PN 6 flanges (both comply fully with EN 1092). SANHA PN 10/16 flanges up to a diameter of 88.9 mm can also be used for PN 40.

Advantages

- Quality criterion combipress for all press connections
- Direct connection of wash basins, pumps and other applications up to PN 6
- Production in our own factories
- Full quality control
- Greater safety during installation and function
- Greater flexibility for use and price
- Can be used with SANHA®-Therm and SANHA®-Therm DZ system pipes

Areas of application and operating conditions

Due to the different materials, type of connections and applications of the flanges, please take the operating conditions and area of applications from the appropriate series:

NiroSan®	(Chapter 01)
NiroSan® Gas	(Chapter 02)
NiroSan® Industry	(Chapter 03)
NiroSan® SF	(Chapter 04)
NiroTherm®	(Chapter 05)
NiroTherm® Industry	(Chapter 06)
PURAPRESS®	(Chapter 07)
SANHA®-Press Gas	(Chapter 08)
SANHA®-Therm	(Chapter 12)
Capillary solder fittings SA	(Chapter 23/24)
PURAFIT®	(Chapter 27)

Please pay particular attention to our technical documentation and installation instructions! Technical customer support: If you have technical questions regarding our systems or the fields of application you can contact us at uk@sanha.com or 01628 819245.

Product catalogue | 2018 | Flanges*

BM-LF

AUG 255

Bimetallic solder flange PN 10/16



Article No.	Dimension	Bag	Box
1BMLF42	DN 40 / 42 mm	4	360
1BMLF54	DN 50 / 54 mm	2	180
1BMLF76	DN 65 / 76,1 mm	4	180
1BMLF89	DN 80 / 88,9 mm	2	90
1BMLF108	DN 100 / 108,0 mm	2	90

VA-PF

AUG 009

Press flange PN 10/16, with female end, for potable water and heating



Article No.	Dimension	Bag	Box
6VAPF15	DN 12 / 15 mm	1	25
6VAPF18	DN 15 / 18 mm	1	20
6VAPF22	DN 20 / 22 mm	1	16
6VAPF28	DN 25 / 28 mm	1	14
6VAPF35	DN 32 / 35 mm	1	10
6VAPF42	DN 40 / 42 mm	1	8
6VAPF54	DN 50 / 54 mm	1	3
6VAPF64	DN 65 / 64 mm	1	3
6VAPF76	DN 65 / 76,1 mm	1	2
6VAPF89	DN 80 / 88,9 mm	1	2
6VAPF108	DN 100 / 108,0 mm	1	1

17-VA-PF

AUG 010

Press Flange, with female end, for gas installation



Article No.	Dimension	Bag	Box
617VAPF18	DN 15 / 18 mm	1	20
617VAPF22	DN 20 / 22 mm	1	16
617VAPF28	DN 25 / 28 mm	1	14
617VAPF35	DN 32 / 35 mm	1	10
617VAPF42	DN 40 / 42 mm	1	8
617VAPF54	DN 50 / 54 mm	1	3
617VAPF76	DN 65 / 76,1 mm	1	2
617VAPF89	DN 80 / 88,9 mm	1	2
617VAPF108	DN 100 / 108,0 mm	1	1

18-VA-PF

AUG 011

Press Flange PN 10/16, with female end, for industrial applications



Article No.	Dimension	Bag	Box
618VAPF15	DN 12 / 15 mm	1	25
618VAPF18	DN 15 / 18 mm	1	20
618VAPF22	DN 20 / 22 mm	1	16
618VAPF28	DN 25 / 28 mm	1	14
618VAPF35	DN 32 / 35 mm	1	10
618VAPF42	DN 40 / 42 mm	1	8
618VAPF54	DN 50 / 54 mm	1	3
618VAPF76	DN 65 / 76,1 mm	1	2
618VAPF89	DN 80 / 88,9 mm	1	2
618VAPF108	DN 100 / 108,0 mm	1	1

19-VA-PF

AUG 013

Press Flange PN 10/16, with female end, for silicone-free applications



Article No.	Dimension	Bag	Box
619VAPF18	DN 15 / 18 mm	1	20
619VAPF22	DN 20 / 22 mm	1	16
619VAPF28	DN 25 / 28 mm	1	14
619VAPF35	DN 32 / 35 mm	1	10
619VAPF42	DN 40 / 42 mm	1	8
619VAPF54	DN 50 / 54 mm	1	3
619VAPF76	DN 65 / 76,1 mm	1	2
619VAPF89	DN 80 / 88,9 mm	1	2
619VAPF108	DN 100 / 108,0 mm	1	1

91-VA-PF

AUG 018

NiroTherm® Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box
691VAPF15	DN 12 / 15 mm	1	25
691VAPF18	DN 15 / 18 mm	1	20
691VAPF22	DN 20 / 22 mm	1	16
691VAPF28	DN 25 / 28 mm	1	14
691VAPF35	DN 32 / 35 mm	1	10
691VAPF42	DN 40 / 42 mm	1	8

* Please note that the conditions depend on the respective AUG

Product catalogue | 2018 | Flanges*

91-VA-PF

AUG 018

NiroTherm® Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box	
691VAPF54	DN 50 / 54 mm	1	3	
691VAPF76	DN 65 / 76,1 mm	1	2	
691VAPF89	DN 80 / 88,9 mm	1	2	
691VAPF108	DN 100 / 108,0 mm	1	1	

98-VA-PF

AUG 023

NiroTherm® Press flange PN 10/16, for industrial applications, with female end



Article No.	Dimension	Bag	Box	
698VAPF15	DN12/15mm	1	25	
698VAPF18	DN 15 / 18 mm	1	20	
698VAPF22	DN20/22mm	1	16	
698VAPF28	DN25/28mm	1	14	
698VAPF35	DN 32 / 35 mm	1	10	
698VAPF42	DN 40 / 42 mm	1	8	
698VAPF54	DN 50 / 54 mm	1	3	
698VAPF76	DN 65 / 76,1 mm	1	2	
698VAPF89	DN80/88,9mm	1	2	
698VAPF108	DN 100 / 108,0 mm	1	1	

PURA-PF

AUG 002

PURAPRESS® Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box	
1PURAPF28	DN 25 / 28 mm	1	5	
1PURAPF35	DN 32 / 35 mm	1	3	
1PURAPF42	DN 40 / 42 mm	1	3	
1PURAPF54	DN 50 / 54 mm	1	2	
1PURAPF64	DN - / 64 mm	1	4	
1PURAPF67	DN - / 67 mm	1	4	
1PURAPF76	DN 65 / 76,1 mm	1	3	
1PURAPF76_DN80	DN 80 / 76,1 mm	1	3	
1PURAPF89	DN 80 / 88,9 mm	1	3	
1PURAPF108	DN 100 / 108,0 mm	1	2	

BM-PF

AUG 002

SANHA®-Therm flanges for PN 10/16, with female end, for potable water and heating



Article No.	Dimension	Bag	Box	
1BMPF42	DN 40 / 42 mm	3	270	
1BMPF54	DN 50 / 54 mm	2	180	
1BMPF67	DN - / 66,7 mm	2	180	
1BMPF76	DN 65 / 76,1 mm	3	135	
1BMPF76_DN80	DN 80 / 76,1 mm	2	90	
1BMPF89	DN 80 / 88,9 mm	2	90	
1BMPF108	DN 100 / 108,0 mm	2	90	

10-RG-PF

AUG 004

SANHA®-Press Gas Press flanges, with female end, for gas installations



Article No.	Dimension	Bag	Box	
110RGPf28	DN 25 / 28mm	6	540	
110RGPf35	DN 32 / 35mm	4	360	
110RGPf42	DN 40 / 42mm	4	360	
110RGPf54	DN 50 / 54mm	2	180	

24-BM-PF

AUG 016

SANHA®-Therm Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box	
124BMPF42	DN 40 / 42 mm	3	270	
124BMPF54	DN 50 / 54 mm	2	180	
124BMPF67	DN - / 66,7 mm	2	180	
124BMPF76	DN 65 / 76,1 mm	3	135	
124BMPF76_DN80	DN 80 / 76,1 mm	2	90	
124BMPF89	DN 80 / 88,9 mm	2	90	
124BMPF108	DN 100 / 108,0 mm	1	45	

24-BM-PF-L4

AUG 016

SANHA®-Therm Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box	
124BMPF76L4	DN 65 / 76,1 mm	o. r.	o. r.	

Product catalogue | 2018 | Flanges*

28-BM-PF-L4

AUG 016

SANHA®-Therm Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box	
128BMPF76L4	DN 65 / 76,1 mm	o. r.	o. r.	104,95

24-BM-PF-PN6

AUG 016

SANHA®-Therm Press flange PN 6, with female end



Article No.	Dimension	Bag	Box	
124BMPF35PN6	DN 32 / 35 mm	1	4	
124BMPF42PN6	DN 40 / 42 mm	1	4	
124BMPF54PN6	DN 50 / 54 mm	1	4	
124BMPF67PN6	DN - / 66,7 mm	1	2	
124BMPF76PN6	DN 65 / 76,1 mm	1	2	
124BMPF89PN6	DN 80 / 88,9 mm	1	2	
124BMPF108PN6	DN 100 / 108,0 mm	1	1	

28-BM-PF

AUG 021

SANHA®-Therm Industry Press flange PN 10/16, with female end



Article No.	Dimension	Bag	Box	
128BMPF42	DN 40 / 42 mm		3	
128BMPF54	DN 50 / 54 mm		2	
128BMPF67	DN - / 66,7 mm		2	
128BMPF76	DN 65 / 76,1 mm		3	
128BMPF76_DN80	DN 80 / 76,1 mm		2	
128BMPF89	DN 80 / 88,9 mm		2	
128BMPF108	DN 100 / 108,0 mm		1	

RG-FL

AUG 251

Loose flange PN 10, red brass, for slip-on collars according to 86036, connection dimensions according to DIN EN 1092



Article No.	Dimension	Bag	Box	
1RGFL15	15		40	
1RGFL20	20		32	
1RGFL25	25		24	
1RGFL32	32		16	

RG-FL

AUG 251

Loose flange PN 10, red brass, for slip-on collars according to 86036, connection dimensions according to DIN EN 1092



Article No.	Dimension	Bag	Box	
1RGFL40	40		15	
1RGFL50	50		9	
1RGFL65	65		9	
1RGFL80	80		8	
1RGFL100	100		8	
1RGFL125	125		5	
1RGFL150	150		3	
1RGFL200	200		2	

RG-GF

AUG 251

Threaded flanges PN 16, red brass, connection dimensions according to DIN EN 1092



Article No.	Dimension	Bag	Box	
1RGGF20	DN 20 / G 3/4		18	
1RGGF25	DN 25 / G 1		16	
1RGGF32	DN 32 / G 1 1/4		9	
1RGGF40	DN 40 / 1 1/2		8	
1RGGF50	DN 50 / 2		6	
1RGGF65	DN 65 / G 2 1/2		4	
1RGGF80	DN 80 / G 3		7	
1RGGF100	DN 100 / G 4		5	

RG-LF

AUG 251

Solder flanges PN 16, red brass, connection dimensions according to DIN 2501 -1



Article No.	Dimension	Bag	Box	
1RGLF15	DN 12 / 15 mm		40	
1RGLF18	DN 15 / 18 mm		40	
1RGLF22	DN 20 / 22 mm		24	
1RGLF28	DN 25 / 28 mm		20	
1RGLF35	DN 32 / 35 mm		14	
1RGLF42	DN 40 / 42 mm		12	
1RGLF54	DN 50 / 54 mm		7	
1RGLF64	DN - / 64 mm		6	
1RGLF76	DN 65 / 76,1 mm		6	
1RGLF89	DN 80 / 88,9 mm		10	
1RGLF108	DN 100 / 108,0 mm		6	

* Please note that the conditions depend on the respective AUG

Product catalogue | 2018 | Flanges*

FL-D

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6).

Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2



Article No.	Dimension	Bag	Box	
1D15	DN 15 (22 x 51 x 2mm)	60	240	
1D20	DN 20 (27x61x2mm)	50	200	
1D25	DN 25 (34x71x2mm)	40	160	
1D32	DN 32 (43x82x2mm)	30	120	
1D40	DN 40 (49x92x2mm)	25	100	
1D50	DN 50 (61x107x2mm)	120	120	
1D65	DN 65 (77x127x2mm)	100	100	
1D80	DN 80 (89x142x2mm)	80	80	
1D100	DN 100 (115x168x2mm)	60	60	
1D125	DN 125 (141x194x2mm)	80	80	
1D150	DN 150 (169x224x2mm)	60	60	

FL-D-PN6

AUG 602

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6).

Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 6



Article No.	Dimension	Bag	Box	
1D32PN6	DN 32 (43 x 76 x 2 mm)	o. r.	o. r.	
1D40PN6	DN 40 (49 x 86 x 2 mm)	o. r.	o. r.	
1D50PN6	DN 50 (61 x 96 x 2 mm)	o. r.	o. r.	
1D65PN6	DN 65 (77 x 116 x 2 mm)	o. r.	o. r.	
1D80PN6	DN 80 (89 x 132 x 2 mm)	o. r.	o. r.	
1D100PN6	DN 100 (115 x 152 x 2 mm)	o. r.	o. r.	

Notes

Sanha UK Ltd: Terms and Conditions of Sale

1. INTERPRETATION

1.1 **Definitions.** In these Conditions, the following definitions apply:

- "Business Day": a day (other than a Saturday, Sunday or public holiday) when banks in London are open for business.
- "Conditions": the terms and conditions set out in this document as amended from time to time in accordance with clause 11.6.
- "Contract": the contract between the Supplier and the Customer for the sale and purchase of the Goods in accordance with these Conditions.
- "Customer": the company, partnership, person or firm who purchases the Goods from the Supplier.
- "Force Majeure Event": has the meaning given in clause 10.
- "Goods": the goods (or any part of them) set out in the Order.
- "Instructions": the installation and fitting instructions and guidance published (on the Supplier's website or otherwise) or otherwise made available by the Supplier from time to time.
- "Order": the Customer's order for the Goods, as set out in the Customer's purchase order form or in the Customer's written acceptance of the Supplier's quotation, as the case may be.
- "Specification": any specifications for the Goods, including any related plans and drawings, that are published or made available in writing by the Supplier.
- "Supplier": Sanha UK Limited (registered in England and Wales with company number 05036828), with its registered office at Mercury House, 19-21 Chapel Street, Marlow, Bucks, SL7 3HN.

1.2 **Construction.** In these Conditions, the following rules apply: headings are for convenience and shall not affect interpretation; the singular includes the plural and the opposite applies; a "person" includes a natural person, corporate or unincorporated body (whether or not having separate legal personality); a reference to a party includes its personal representatives, successors or permitted assigns; a reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted and a reference to writing or written includes faxes and e-mails.

2. BASIS OF CONTRACT

- 2.1 These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing.
- 2.2 The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order are complete and accurate and the Supplier's Goods and Specification are appropriate for the proposed application.
- 2.3 The Order shall only be deemed to be accepted when the Supplier issues a written acceptance of the Order, at which point the Contract shall come into existence.
- 2.4 The Contract constitutes the entire agreement between the parties. The Customer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Supplier which is not set out in the Contract.
- 2.5 Any samples, drawings, descriptive matter, or advertising produced by the Supplier and any descriptions or illustrations contained in the Supplier's catalogues or brochures or on its website are produced for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract or have any contractual force.
- 2.6 The Supplier's price list is subject to correction without notice. Subject to clause 7.2, the Supplier's price list can be changed for any reason with a notice period of 30 days.

3. GOODS

- 3.1 The Goods are described in the applicable Specification.
- 3.2 To the extent that the Goods are to be manufactured in accordance with a specification supplied by the Customer, the Customer shall indemnify the Supplier against all liabilities, costs, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties and legal and other professional costs and expenses) suffered or incurred by the Supplier in connection with any claim made against the Supplier for actual or alleged infringement of a third party's intellectual property rights arising out of or in connection with the Supplier's use of that specification. This clause 3.2 shall survive termination of the Contract.
- 3.3 The Supplier reserves the right to amend any Specification if required by any applicable statutory or regulatory requirements and to change Goods and descriptions, in particular to reflect technical progress and changed method of production or industry standards.

4. DELIVERY

- 4.1 The Supplier shall ensure that:
- (a) each delivery of the Goods is accompanied by a delivery note which shows the date of the Order, all relevant Customer and Supplier reference numbers, the type and quantity of the Goods (including the code number of the Goods, where applicable) and, if the Order is being delivered by instalments, the outstanding balance of Goods remaining to be delivered (any special storage instructions will be set out in the Supplier's technical product and installation information booklet, available from the supplier);
 - (b) subject the following, if the Supplier requires the Customer to return any packaging materials to the Supplier, that fact is clearly stated on the delivery note. In all cases, grid box pallets and euro flat pallets shall remain the property of the Supplier and shall be returned at the Customer's cost and risk; and
 - (c) The Supplier shall deliver the Goods to the location set out in the Order or such other location as the parties may agree ("Delivery Location") at the time indicated by the Supplier (but time shall not be of the essence regarding delivery). Where a single Order for Goods other than tubes has an invoice value (net of VAT) of £1,000 or more for standard delivery, it shall be delivered free of charge to a UK mainland address. Where a single Order is for a Supplier's standard bundle quantity of tube with an invoice value (net of VAT) of £2,000 or more for standard delivery, it shall be delivered free of charge to a UK mainland address. For a single tube Order less than this, and for other deliveries of Goods not referred to expressly, the delivery charges shall be as advised by the Supplier from time to time. Any express delivery charges shall be paid by the Customer.
- 4.2 Delivery of the Goods shall be completed on the arrival of the Goods at the Delivery Location.
- 4.3 Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The Supplier shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- 4.4 Any complaints regarding the quantity or weight delivered must be notified to the Supplier and the carrier in writing within 14 calendar days of delivery, otherwise they cannot be taken into account.
- 4.5 If the Supplier fails to deliver the Goods, its liability shall be limited to the costs and expenses incurred by the Customer in obtaining replacement goods of similar description and quality in the cheapest market available, less the price of the Goods. Before proceeding with sourcing replacement goods, the customer must seek written approval from the supplier. The Supplier shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.

4.6 If the Customer fails to accept delivery of the Goods then, except where such failure or delay is caused by a Force Majeure Event or the Supplier's failure to comply with its obligations under the Contract:

- (a) delivery of the Goods shall be deemed to have been completed at 9.00 am on the third Business Day after the day on which the Supplier notified the Customer that the Goods were ready; and
 - (b) the Supplier shall store the Goods until delivery takes place, and charge the Customer for all related costs and expenses (including insurance).
- 4.7 If [five] Business Days after the day on which the Supplier notified the Customer that the Goods were ready for delivery the Customer has not accepted delivery of them, the Supplier may resell or otherwise dispose of part or all of the Goods and, after deducting reasonable storage and selling costs, account to the Customer for any excess over the price of the Goods or charge the Customer for any shortfall below the price of the Goods.
- 4.8 The Customer shall not be entitled to reject the Goods if the Supplier delivers up to and including 25% more or less than the quantity of Goods ordered, but a pro rata adjustment shall be made to the Order invoice on receipt of notice from the Customer and acceptance by the Supplier that the wrong quantity of Goods was delivered.
- 4.9 The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Each instalment shall constitute a separate Contract. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.

5. QUALITY

- 5.1 The Supplier warrants that on delivery and for a minimum period of 12 months from the date of delivery ("warranty period"), the Goods shall:
- (a) conform in all material respects with their applicable Specification;
 - (b) be free from material defects in design, material and workmanship; and
 - (c) be of satisfactory quality (within the meaning of the Sale of Goods Act 1979).

5.2 Subject to clause 5.3, if:

- (a) the Customer gives notice in writing to the Supplier (a) in respect of apparent defects in all or any of the Goods, immediately on delivery and (b) in the event of latent or hidden defects in all or any of the Goods, within a maximum of 14 days after delivery and within 2 days of discovering the defect (together with a description) that some or all of the Goods do not comply with the warranty set out in clause 5.1;
- (b) the Supplier is given a reasonable opportunity of examining such Goods (both as supplied and as installed); and
- (c) the Customer (if asked to do so by the Supplier) returns such Goods to the Supplier's place of business at the Customer's cost,

the Supplier shall, at its option, repair or replace the defective Goods, or refund the price of the defective Goods in full.

5.3 The Supplier shall not be liable for Goods' failure to comply with the warranty set out in clause 5.1 in any of the following events:

- (a) the Customer fails to give notice as required by clause 5.2 or makes any further use of such Goods after giving notice in accordance with clause 5.2;
- (b) the defect arises because the Customer failed to follow the Instructions or the Supplier's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same;
- (c) the defect arises as a result of the Supplier following any drawing, design or specification supplied by the Customer;
- (d) the Customer alters or repairs such Goods or uses them for a purpose for which they were not designed, without the prior written consent of the Supplier;
- (e) the defect arises as a result of or relating to corrosion or weathering;
- (f) the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions; or
- (g) the Goods differ from their Specification as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

5.4 Except as provided in this clause 5, the Supplier shall have no liability to the Customer in respect of the failure of the Goods to comply with the warranty set out in clause 5.1.

5.5 The terms implied by sections 13 to 15 of the Sale of Goods Act 1979 are, to the fullest extent permitted by law, excluded from the Contract.

5.6 These Conditions shall apply to any repaired or replacement Goods supplied by the Supplier.

6. TITLE AND RISK

- 6.1 The risk in the Goods shall pass to the Customer on despatch by the Supplier.
- 6.2 Title to the Goods shall not pass to the Customer until the Supplier has received payment in full (in cash or cleared funds) for:
- (a) the Goods; and
 - (b) any other goods or services that the Supplier has supplied to the Customer in respect of which payment has become due.
- 6.3 Until title to the Goods has passed to the Customer, the Customer shall:
- (a) hold the Goods on a fiduciary basis as the Supplier's bailee;
 - (b) store the Goods separately from all other goods held by the Customer so that they remain readily identifiable as the Supplier's property;
 - (c) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
 - (d) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;
 - (e) notify the Supplier immediately if it becomes subject to any of the events listed in clause 8.2; and
 - (f) give the Supplier such information relating to the Goods as the Supplier may require from time to time,

but, subject to clause 6.4, the Customer may resell or use the Goods in the ordinary course of its business. The Customer shall pay for the relevant Goods in full before the Goods are combined with or connected to other goods. If it fails to do so, the Customer shall procure that the Supplier has co-ownership of the resulting new item, in proportion to the value of the Goods incorporated and not paid for and shall put its client on notice of this.

6.4 If before title to the Goods passes to the Customer the Customer becomes subject to any of the events listed in clause 8.2, or the Supplier reasonably believes that any such event is about to happen and notifies the Customer accordingly, then, provided that the Goods have not been resold, or irrevocably incorporated into another product, and without limiting any other right or remedy the Supplier may have, the Supplier may at any time require the Customer to deliver up the Goods and, if the Customer fails to do so promptly, enter any premises or vehicles of or used by the Customer or of any third party where the Goods are stored or loaded in order to recover them.

7. PRICE AND PAYMENT

7.1 The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Supplier's published price list in force as at the date of delivery.

7.2 The Supplier may, by giving notice to the Customer at any time before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:

- (a) any factor beyond the Supplier's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
- (b) any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Specification; or
- (c) any delay caused by any instructions of the Customer or failure of the Customer to give the Supplier adequate or accurate information or instructions.

7.3 The price of the Goods is inclusive of the costs and charges of packaging, insurance and transport of the Goods (with insurance and transport being arranged as agent for the Customer, at the Customer's risk), unless the minimum Order value and terms set out in clause 4.1 are not met, in which event, delivery charges will apply and be advised and invoiced to the Customer.

7.4 The price of the Goods is exclusive of amounts in respect of value added tax ("VAT"). The Customer shall, on receipt of a valid VAT invoice from the Supplier, pay to the Supplier such additional amounts in respect of VAT as are chargeable on the supply of the Goods.

7.5 The Supplier may invoice the Customer for the Goods on or at any time after the completion of delivery.

7.6 The Customer shall pay the invoice in full, in £ sterling and in cleared funds within 30 days of the end of the month in which the invoice was despatched, unless agreed otherwise in writing. Payment shall be made to the bank account nominated in writing by the Supplier. Time of payment is of the essence. [If the Customer fails to make any payment due to the Supplier under the Contract by the due date for payment ("due date"), then the Customer shall pay interest on the overdue amount at the rate of 4% per annum above the "Bank of England's+ base rate from time to time. Such interest shall accrue on a daily basis from the due date until the date of actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount.

7.7 The Customer shall pay all amounts due under the Contract in full without any deduction or withholding except as required by law and the Customer shall not be entitled to assert any credit, set-off or counterclaim against the Supplier in order to justify withholding payment of any such amount in whole or in part. The Supplier may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Customer against any amount payable by the Supplier to the Customer.

8. CUSTOMER'S INSOLVENCY OR INCAPACITY

8.1 If the Customer becomes subject to any of the events listed in clause 8.2, or the Supplier reasonably believes that the Customer is about to become subject to any of them and notifies the Customer accordingly, then, without limiting any other right or remedy available to the Supplier, the Supplier may cancel or suspend all further deliveries under the Contract or under any other contract between the Customer and the Supplier without incurring any liability to the Customer, and all outstanding sums in respect of Goods delivered to the Customer shall become immediately due.

8.2 For the purposes of clause 8.1, the relevant events are:

- (a) the Customer suspends, or threatens to suspend, payment of its debts, or is unable to pay its debts as they fall due or admits inability to pay its debts, or (being a company) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986, or (being a partnership) has any partner to whom any of the foregoing apply;
- (b) the Customer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors;
- (c) (being a company) a petition is filed, a notice is given, a resolution is passed, or an order is made, for or in connection with the winding up of the Customer;
- (d) (being an individual) the Customer is the subject of a bankruptcy petition or order;
- (e) a creditor or encumbrancer of the Customer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days;
- (f) (being a company) an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Customer;
- (g) (being a company) a floating charge holder over the Customer's assets has become entitled to appoint or has appointed an administrative receiver;
- (h) a person becomes entitled to appoint a receiver over the Customer's assets or a receiver is appointed over the Customer's assets;
- (i) any event occurs, or proceeding is taken, with respect to the Customer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clause 8.2(a) to clause 8.2(h) (inclusive); or
- (j) the Customer suspends, threatens to suspend, ceases or threatens to cease to carry on all or substantially the whole of its business.

8.3 Termination of the Contract, however arising, shall not affect any of the parties' rights and remedies that have accrued as at termination. Clauses which expressly or by implication survive termination of the Contract shall continue in full force and effect.

9. LIABILITY

9.1 Nothing in these Conditions shall limit or exclude the Supplier's liability for:

- (a) death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);
- (b) fraud or fraudulent misrepresentation;
- (c) breach of the terms implied by section 12 of the Sale of Goods Act 1979;
- (d) defective products under the Consumer Protection Act 1987 (the "Act"); or
- (e) any matter in respect of which it would be unlawful for the Supplier to exclude or restrict liability.

9.2 Subject to clause 9.1:

- (a) the Supplier shall under no circumstances whatever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, loss of contracts or goodwill, compensation or liquidated damages or costs and expenses caused by delay (due to a failure to supply Goods or otherwise), destruction of or damage to or loss of use of buildings, furniture, fittings, plant, facilities or assets (whether foreseeable or not) or any indirect or consequential loss or damage arising under or in connection with the Contract; and
- (b) the Supplier's total liability to the Customer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the lesser of the invoice value of the Goods supplied to the Customer in the previous 12 months and £400,000.

9.3 The Customer shall be solely responsible for the selection of the appropriate Goods for the intended application, for following the Instructions and for ensuring the appropriate installation, fitting and commissioning of the Goods and, subject to these Conditions, the Supplier shall have no liability in that regard.

9.4 Where the Buyer combines the Goods with or uses them as ancillary to other goods ("Composite Products"), the Buyer shall indemnify the Supplier for all claims, loss, damage, cost and expense which the Supplier may incur or suffer as a result of a claim against the Supplier under the Act in relation to a Composite Product, where the Goods supplied by the Supplier (a) were not the defective part of the Composite Product, (b) only became the defective part due to the acts or omissions of the Customer or (c) only became the defective part due to instructions or warnings given or omitted to be given by the Customer or any third party.

9.5 The Customer acknowledges and accepts that the prices charged by the Supplier for the Goods reflect the assumptions of risk by the parties and the Customer shall be responsible for taking out and maintaining appropriate insurance for any claims which may result from his use, installation, fitting and commissioning of the Goods.

10. FORCE MAJEURE

Neither party shall be liable for any failure or delay in performing its obligations under the Contract or for any resulting loss or damage to the extent that such failure or delay is caused by a Force Majeure Event. A "Force Majeure Event" means any event beyond a party's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including strikes, lock-outs or other industrial disputes (whether involving its own workforce or a third party's), failure of energy sources or transport network, acts of God, war, terrorism, riot, civil commotion, interference by civil or military authorities, national or international calamity, armed conflict, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, sonic boom, explosions, collapse of building structures, fires, floods, storms, earthquakes, loss at sea, epidemics or similar events, natural disasters or extreme adverse weather conditions, or default of suppliers or subcontractors.

11. GENERAL

11.1 Assignment and subcontracting.

- (a) The Supplier may at any time assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.
- (b) The Customer may not assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract without the prior written consent of the Supplier.

11.2 Notices.

- (a) Any notice given to a party under or in connection with the Contract shall be in writing, addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first class post, special delivery, commercial courier, fax or e-mail.
- (b) A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 11.2(a); if sent by pre-paid first class post or special delivery, at 9.00 am on the second Business Day after posting (unless proved sooner); if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed; or, if sent by fax or e-mail, on the Business Day of transmission (provided that the sender shall bear the risk of non receipt of a notice sent by fax or e-mail).
- (c) The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.

11.3 Severance.

If any court or competent authority finds that any provision of the Contract (or part of any provision) is invalid, illegal or unenforceable, that provision or part-provision shall, to the extent required, be deemed to be deleted, and the validity and enforceability of the other provisions of the Contract shall not be affected.

11.4 **Waiver.** A waiver of any right or remedy under the Contract is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it preclude or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall preclude or restrict the further exercise of that or any other right or remedy.

11.5 **Third party rights.** A person who is not a party to the Contract shall not have any rights under or in connection with it.

11.6 **Variation.** Except as set out in these Conditions, any variation to the Contract, including the introduction of any additional terms and conditions, shall only be binding when agreed in writing and signed by the Supplier.

11.7 **Re-stocking.** The Customer has no right to return ordered and duly delivered Goods. If, in its absolute discretion, the Supplier is prepared to accept the return of Goods, this shall only apply to the quantity of Goods specified by the Supplier, shall be subject to payment of 30% of the original invoice value for the relevant Goods as a re-stocking charge and the return shall be at the cost and risk of the Customer.

11.8 **Governing law and jurisdiction.** The Contract, and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims), shall be governed by, and construed in accordance with, German law, and the parties irrevocably submit to the exclusive jurisdiction of the courts of Essen, Germany.

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As a family enterprise for over 50 years we have been observing a simple principle: every pipe and every fitting must give the customer added value in terms of safety and practical use at a fair price. This is our mission and, at the same time, the best recommendation from our satisfied customers.

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And that's why: SANHA. Always a perfect fit.

Advantages:

- 1 Full tool compatibility**
Throughout the industry, SANHA system fittings are the only ones that can be pressed with all the usual original press profiles - with a full guarantee. You gain security by ruling out errors, thus saving time and money.
- 2 Large product range**
SANHA offers a wide material, product and dimension range, multiple connection methods, with significant expertise and experience - all from a one stop shop. SANHA, the pipeline specialist.
- 3 Guaranteed safety**
SANHA has all the important approvals, certifications and warranties, backed up by WRAS, BSI, FM Global and many more, ensuring you are always on the safe side.
- 4 Nationwide technical service**
SANHA is pleased to offer a wide range of services from installation training, technical seminars, design advice, specifications and on site support as and when required.

