

SANHA®-Therm
SANHA®-Therm Industry

SANHA
a perfect fit

combipress

= Tool Compatibility + Push & Stay
+ Leak Path Feature

exclusive from SANHA

pressable with
V, M and SA-profile

Press systems in carbon steel

System fittings and pipes
in carbon steel for closed circuits

SANHA®-Therm | SANHA®-Therm Industry

efficient – reliable – practice-oriented

The SANHA®-Therm installation system consists of tried and trusted SANHA®-Therm press fittings from carbon steel [c-steel] with a black sealing ring from EPDM [ethylene propylene dien rubber monomere] 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 ist especially well suited for pressurised air and fire extinguishing systems according to EN 10346 [DZ version]. The variant „Contiflo“ also offers galvanized system pipes which are characterized by being easy to bend. Our C-steel system is furthermore available as a LABS*-/silicone free version [series 27000].

SANHA's focus is on the installer.
This is why our products meet the stringent demands of the modern construction site:

Tool compatibility!

To avoid difficulties during installation, all our products are designed in such a way as to ensure perfect tool compatibility. This means that you can work fast, reliably and professionally with your existing tools and minimise installation errors.

Efficiency!

Carbon steel is an ideal material for closed circuits, such as heating, solar and fire extinguishing systems, as well as for compressed air and cooling system applications. Economical solutions can be achieved with the combination of the various pipes and the factory fitted high-temperature FKM sealing ring.

Practically driven!

SANHA®-Therm pipes are also offered in a 3-m version to facilitate transport and on site handling.

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



Heat-resistant
FKM sealing ring
Your Advantage:
Reliable safety
up to 200 °C

Tight pipes due to innovative
push & stay function
Your Advantage: Easier installation

Full tool compatibility
Your Advantage: Existing tools can be used
saving time and reducing errors

Leak path feature
Your Advantage: Greater installation reliability

* LABS = paint wetting disruptive substances

Suitable for many applications

The SANHA®-Therm system fittings are factory inserted with black EPDM sealing rings and the SANHA®-Therm Industry system fittings with red FKM sealing rings, for several media and temperatures, and are clearly marked accordingly. Due to the particularly broad product range and the various carbon steel pipes, this system can be used for many applications:

| SANHA®-Therm [24000] | SANHA®-Therm Industry [28000] |
|---|---|
| Sealing ring: EPDM (Black) | Sealing ring: FKM (Red) |
| Operating temperature: – 30 °C bis + 120 °C | Operating temperature: – 20 °C bis + 200 °C (depends on medium) |
| Application: · Heating (closed circuits - no DZ pipes) · Solar · Cooling water* · Compressed air (oil free) · Extinguishing (no DZ pipes) · Glycol | Application: · Solar · Cooling water* · Compressed air (independent of the oil class) · Glycol |

Operating conditions

| |
|--|
| Water and aqueous solutions d ≤ 108 mm 16 bar |
| Technical gases (non-toxic, non-flammable) d ≤ 108 mm 16 bar |
| Type of thread Pipe thread: R/Rp thread according to EN 10226 |
| Fastening thread G thread according to ISO 228 |

* Depending on temperature and pressure - please contact our Technical Support at 01628 819245.

For increased requirements of corrosion protection - for example for installation within or under the screed - an appropriate protective layer is required. Closed-cell insulation material or aluminium-covered mineral fibre insulation are frequently used. NiroSan® stainless steel pipes and fittings are also a practical and, in combination with NiroTherm® tubes, very economical alternative in high corrosion risk areas.

Suitable for these SANHA®-Therm system pipes

Series 24000 / 24500

- Installation pipes, galvanized on the outside, in rods of 3 and 6 meters
- Longitudinally welded
- pressure tight
- thin-walled
- galvanized precision steel pipes made of unalloyed steel E195 (RST 34-2) with material no. 1.0034, according to EN 10305-3, condition on delivery +CR1.

DZ Series 24000-DZ

- Installation pipes, galvanized on the inside and outside, in rods of 6 meters:
- Longitudinally welded
- thin-walled precision steel pipes made of unalloyed steel
- The pipes are manufactured from continuously galvanized steel process according to EN 10346.
- The strip material is proven to be an E195 (RST 34-2) with the material no. 1.0034, according to EN 10305-3, condition on delivery +CR2. After the strip zinc-coating, it is an E195, +CR2 S4, Z275 MBO material.
- Available in the dimensions 22 to 108 mm (sprinkler portfolio 24000# series).

Contiflo Series 24000# / 24500#

- Installation pipes Contiflo, galvanized, in rods of 6 and 3 meters
- thin-walled hot-dip galvanized steel pipes in unalloyed steel E195 with the material no. 1.0034 according to EN 10305-3, which allow deformation processing
- invisible weld seam
- clean, dry and oil/grease-free surface

SANHA®-Therm | SANHA®-Therm Industry Industry product range

System pipes in carbon steel (1.0034)

for heating, compressed air and closed cooling systems

| 24000 in 6 m rods | |
|----------------------|-------------|
| Art.-Nr. | Dimensions |
| 12400012 | 12 x 1,2 |
| 12400015 | 15 x 1,2 |
| 12400018 | 18 x 1,2 |
| 12400022 | 22 x 1,5 |
| 12400028 | 28 x 1,5 |
| 12400035 | 35 x 1,5 |
| 12400042 | 42 x 1,5 |
| 12400054 | 54 x 1,5 |
| 12400067 | 67 x 1,5 |
| 12400076 | 76,1 x 2,0 |
| 12400089 | 88,9 x 2,0 |
| 12310063 | 108,0 x 2,0 |

| 24500 in 3 m rods | |
|----------------------|-------------|
| Art.-Nr. | Dimensions |
| 12450012 | 12 x 1,2 |
| 12450015 | 15 x 1,2 |
| 12450018 | 18 x 1,2 |
| 12450022 | 22 x 1,5 |
| 12450028 | 28 x 1,5 |
| 12450035 | 35 x 1,5 |
| 12450042 | 42 x 1,5 |
| 12450054 | 54 x 1,5 |
| 12450067 | 67 x 1,5 |
| 12450076 | 76,1 x 2,0 |
| 12450089 | 88,9 x 2,0 |
| 124500108 | 108,0 x 2,0 |

| 24000# in 6 m rods, Contiflo-galvanized | |
|---|------------|
| Art.-Nr. | Dimensions |
| 12400012# | 12 x 1,2 |
| 12400015# | 15 x 1,2 |
| 12400018# | 18 x 1,2 |

| 24500# in 3 m rods, Contiflo-galvanized | |
|---|------------|
| Art.-Nr. | Dimensions |
| 12450012# | 12 x 1,2 |
| 12450015# | 15 x 1,2 |
| 12450018# | 18 x 1,2 |

for sprinkler, compressed air and closed cooling systems

| 24000-DZ in 6 m rods, internally and externally zinc-coated | |
|--|-------------|
| Art.-Nr. | Dimensions |
| 124000DZ18 | 18 x 1,5 |
| 124000DZ22 | 22 x 1,5 |
| 124000DZ28 | 28 x 1,5 |
| 124000DZ35 | 35 x 1,5 |
| 124000DZ42 | 42 x 1,5 |
| 124000DZ54 | 54 x 1,5 |
| 124000DZ76 | 76,1 x 2,0 |
| 124000DZ89 | 88,9 x 2,0 |
| 124000DZ108 | 108,0 x 2,0 |



All fittings at a glance

| 24001 A 90° bend, female end/male plain end | |
|---|------------|
| Art.-Nr. | Dimensions |
| 124001A12 | 12 |
| 124001A15 | 15 HT |
| 124001A18 | 18 HT |
| 124001A22 | 22 HT |
| 124001A28 | 28 HT |
| 124001A35 | 35 HT |
| 124001A42 | 42 HT |
| 124001A54 | 54 HT |
| 124001A67 | 67 |
| 124001A76 | 76,1 HT |
| 124001A89 | 88,9 HT |
| 124001A108 | 108,0 HT |

| 24040 45° bend, female end/male plain end | |
|---|-----------|
| Art.-Nr. | Dimension |
| 12404012 | 12 |
| 12404015 | 15 HT |
| 12404018 | 18 HT |
| 12404022 | 22 HT |
| 12404028 | 28 HT |
| 12404035 | 35 HT |
| 12404042 | 42 HT |
| 12404054 | 54 HT |
| 12404067 | 67 |
| 12404076 | 76,1 HT |
| 12404089 | 88,9 HT |
| 124040108 | 108,0 HT |

| 24002 A 90° bend, female/female end | |
|---|------------|
| Art.-Nr. | Dimensions |
| 124002A12 | 12 |
| 124002A15 | 15 HT |
| 124002A18 | 18 HT |
| 124002A22 | 22 HT |
| 124002A28 | 28 HT |
| 124002A35 | 35 HT |
| 124002A42 | 42 HT |
| 124002A54 | 54 HT |
| 124002A67 | 67 |
| 124002A76 | 76,1 HT |
| 124002A89 | 88,9 HT |
| 124002A108 | 108,0 HT |

| 24041 45° bend, female/female end | |
|---|-----------|
| Art.-Nr. | Dimension |
| 12404112 | 12 |
| 12404115 | 15 HT |
| 12404118 | 18 HT |
| 12404122 | 22 HT |
| 12404128 | 28 HT |
| 12404135 | 35 HT |
| 12404142 | 42 HT |
| 12404154 | 54 HT |
| 12404167 | 67 |
| 12404176 | 76,1 HT |
| 12404189 | 88,9 HT |
| 124041108 | 108,0 HT |

| 24002 G 90° bend, female end and female thread | |
|--|---------------|
| Art.-Nr. | Dimensions |
| 124002G2234 | 22 x 3/4 HT |
| 124002G2812 | 28 x 1/2 HT |
| 124002G281 | 28 x 1 HT |
| 124002G3512 | 35 x 1/2 HT |
| 124002G35114 | 35 x 1 1/4 HT |
| 124002G42112 | 42 x 1 1/2 HT |
| 124002G542 | 54 x 2 HT |

| 24003 90° bend, male plain ends | |
|---------------------------------------|------------|
| Art.-Nr. | Dimensions |
| 12400315 | 15 |
| 12400318 | 18 |
| 12400322 | 22 |
| 12400328 | 28 |
| 12400335 | 35 |
| 12400342 | 42 |
| 12400354 | 54 |



HT SANHA®-Therm Industry system is available with unique article numbers

24085Crossover,
female/female end

| Art.-Nr. | Dimensions |
|----------|------------|
| 12408515 | 15 |
| 12408518 | 18 |
| 12408522 | 22 |
| 12408528 | 28 |

24086Crossover,
female end/male plain end

| Art.-Nr. | Dimensions |
|----------|------------|
| 12408612 | 12 |
| 12408615 | 15 |
| 12408618 | 18 |
| 12408622 | 22 |
| 12408628 | 28 |

24087Crossover,
male/male plain end

| Art.-Nr. | Dimensions |
|----------|------------|
| 12408718 | 18 |

24090 GElbow 90°, female end
and female thread

| Art.-Nr. | Dimensions |
|--------------|---------------|
| 124090G1238 | 12 x 3/8 |
| 124090G1512 | 15 x 1/2 HT |
| 124090G1812 | 18 x 1/2 HT |
| 124090G2212 | 22 x 1/2 HT |
| 124090G2234 | 22 x 3/4 HT |
| 124090G2812 | 28 x 1/2 HT |
| 124090G281 | 28 x 1 HT |
| 124090G35114 | 35 x 1 1/4 HT |
| 124090G42112 | 42 x 1 1/2 HT |
| 124090G542 | 54 x 2 HT |

24092 GElbow 90°, female end
and male thread

| Art.-Nr. | Dimension |
|--------------|---------------|
| 124092G1238 | 12 x 3/8 HT |
| 124092G1538 | 15 x 3/8 HT |
| 124092G1512 | 15 x 1/2 HT |
| 124092G1812 | 18 x 1/2 HT |
| 124092G2234 | 22 x 3/4 HT |
| 124092G281 | 28 x 1 HT |
| 124092G35114 | 35 x 1 1/4 HT |
| 124092G42112 | 42 x 1 1/2 HT |
| 124092G542 | 54 x 2 HT |

24130Tee,
female ends

| Art.-Nr. | Dimensions | Art.-Nr. | Dimensions |
|--------------|-----------------|----------------|-----------------------|
| 12413012 | 12 | 124130282818 | 28 x 28 x 18 |
| 12413015 | 15 HT | 124130282822 | 28 x 28 x 22 |
| 12413018 | 18 HT | 124130283528 | 28 x 35 x 28 |
| 12413022 | 22 HT | 124130351535 | 35 x 15 x 35 HT |
| 12413028 | 28 HT | 124130351835 | 35 x 18 x 35 HT |
| 12413035 | 35 HT | 124130352222 | 35 x 22 x 22 |
| 12413042 | 42 HT | 124130352228 | 35 x 22 x 28 |
| 12413054 | 54 HT | 124130352235 | 35 x 22 x 35 HT |
| 12413067 | 67 | 124130352828 | 35 x 28 x 28 |
| 12413076 | 76,1 HT | 124130352835 | 35 x 28 x 35 HT |
| 12413089 | 88,9 HT | 124130353522 | 35 x 35 x 22 |
| 124130108 | 108,0 HT | 124130353528 | 35 x 35 x 28 |
| 124130121512 | 12 x 15 x 12 | 124130421542 | 42 x 15 x 42 HT |
| 124130151215 | 15 x 12 x 15 | 124130422242 | 42 x 22 x 42 HT |
| 124130151815 | 15 x 18 x 15 | 124130422842 | 42 x 28 x 42 HT |
| 124130152215 | 15 x 22 x 15 | 124130423535 | 42 x 35 x 35 HT |
| 124130181515 | 18 x 15 x 15 | 124130423542 | 42 x 35 x 42 HT |
| 124130181518 | 18 x 15 x 18 HT | 124130542254 | 54 x 22 x 54 HT |
| 124130181815 | 18 x 18 x 15 | 124130542854 | 54 x 28 x 54 HT |
| 124130182218 | 18 x 22 x 18 | 124130543554 | 54 x 35 x 54 HT |
| 124130221222 | 22 x 12 x 22 | 124130544254 | 54 x 42 x 54 HT |
| 124130221515 | 22 x 15 x 15 | 124130672867 | 67 x 28 x 67 |
| 124130221518 | 22 x 15 x 18 | 124130673567 | 67 x 35 x 67 |
| 124130221522 | 22 x 15 x 22 HT | 124130674267 | 67 x 42 x 67 |
| 124130221818 | 22 x 18 x 18 | 124130675467 | 67 x 54 x 67 |
| 124130221822 | 22 x 18 x 22 HT | 124130762276 | 76,1 x 22 x 76,1 HT |
| 124130222215 | 22 x 22 x 15 | 124130762876 | 76,1 x 28 x 76,1 HT |
| 124130222218 | 22 x 22 x 18 | 124130763576 | 76,1 x 35 x 76,1 HT |
| 124130222822 | 22 x 28 x 22 | 124130764276 | 76,1 x 42 x 76,1 HT |
| 124130281522 | 28 x 15 x 22 | 124130765476 | 76,1 x 54 x 76,1 HT |
| 124130281528 | 28 x 15 x 28 HT | 124130766776 | 76,1 x 67 x 76,1 HT |
| 124130281822 | 28 x 18 x 22 | 124130895489 | 88,9 x 54 x 88,9 HT |
| 124130281828 | 28 x 18 x 28 HT | 124130897689 | 88,9 x 76,1 x 88,9 HT |
| 124130282222 | 28 x 22 x 22 | 12413010854108 | 108 x 54 x 108 HT |
| 124130282228 | 28 x 22 x 28 HT | 12413010867108 | 108 x 67 x 108 |
| 124130282815 | 28 x 28 x 15 | 12413010876108 | 108 x 76,1 x 108 HT |
| | | 12413010889108 | 108 x 88,9 x 108 HT |

24130 GTee, female/female end
and female thread

| Art.-Nr. | Dimensions |
|--------------|------------------------|
| 124130G1212 | 12 x 1/2 x 12 HT |
| 124130G1512 | 15 x 1/2 x 15 HT |
| 124130G1812 | 18 x 1/2 x 18 HT |
| 124130G2212 | 22 x 1/2 x 22 HT |
| 124130G2234 | 22 x 3/4 x 22 HT |
| 124130G2812 | 28 x 1/2 x 28 HT |
| 124130G2834 | 28 x 3/4 x 28 HT |
| 124130G281 | 28 x 1 x 28 HT |
| 124130G3512 | 35 x 1/2 x 35 HT |
| 124130G3534 | 35 x 3/4 x 35 HT |
| 124130G351 | 35 x 1 x 35 HT |
| 124130G4212 | 42 x 1/2 x 42 HT |
| 124130G4234 | 42 x 3/4 x 42 HT |
| 124130G5412 | 54 x 1/2 x 54 HT |
| 124130G7634 | 76,1 x 3/4 x 76,1 HT |
| 124130G8934 | 88,9 x 3/4 x 88,9 HT |
| 124130G10834 | 108,0 x 3/4 x 108,0 HT |

24130 LTee, long,
female ends

| Art.-Nr. | Dimensions |
|-----------|------------|
| 124130L15 | 15 |

24180SANHA-Therm Cross, for
mixture-free crossing
of pipes at the same level,
chromium-plated

| Art.-Nr. | Dimensions |
|------------|------------|
| 12418015 | 15 |
| 1241801512 | 15 x 12 |
| 1241801812 | 18 x 12 |
| 1241802212 | 22 x 12 |
| 1241802215 | 22 x 15 |

24181.1Cross distributor,
two planes

| Art.-Nr. | Dimensions |
|--------------|------------|
| 12418115.1 | 15 |
| 1241811815.1 | 18 x 15 |
| 1241812215.1 | 22 x 15 |
| 1241812218.1 | 22 x 18 |
| 1241812815.1 | 28 x 15 |
| 1241812818.1 | 28 x 18 |

All fittings at a glance

24270

Coupling, female/female end



| Art.-Nr. | Dimensions | |
|-----------|------------|----|
| 12427012 | 12 | |
| 12427015 | 15 | HT |
| 12427018 | 18 | HT |
| 12427022 | 22 | HT |
| 12427028 | 28 | HT |
| 12427035 | 35 | HT |
| 12427042 | 42 | HT |
| 12427054 | 54 | HT |
| 12427067 | 67 | |
| 12427076 | 76,1 | HT |
| 12427089 | 88,9 | HT |
| 124270108 | 108,0 | HT |

24270 S

Slip coupling, female/female end



| Art.-Nr. | Dimensions | |
|------------|------------|----|
| 124270S12 | 12 | |
| 124270S15 | 15 | HT |
| 124270S18 | 18 | HT |
| 124270S22 | 22 | HT |
| 124270S28 | 28 | HT |
| 124270S35 | 35 | HT |
| 124270S42 | 42 | HT |
| 124270S54 | 54 | HT |
| 124270S67 | 67 | |
| 124270S76 | 76,1 | HT |
| 124270S89 | 88,9 | HT |
| 124270S108 | 108,0 | HT |

24240

Reducing coupling, female/female end



| Art.-Nr. | Dimensions | |
|------------|------------|----|
| 1242401512 | 15 x 12 | HT |
| 1242401812 | 18 x 12 | HT |
| 1242401815 | 18 x 15 | HT |
| 1242402215 | 22 x 15 | HT |
| 1242402218 | 22 x 18 | HT |
| 1242402815 | 28 x 15 | HT |
| 1242402818 | 28 x 18 | HT |
| 1242402822 | 28 x 22 | HT |
| 1242403522 | 35 x 22 | HT |
| 1242403528 | 35 x 28 | HT |
| 1242404222 | 42 x 22 | HT |
| 1242404228 | 42 x 28 | HT |
| 1242404235 | 42 x 35 | HT |
| 1242405428 | 54 x 28 | HT |
| 1242405435 | 54 x 35 | HT |
| 1242405442 | 54 x 42 | HT |

24243 G

Transition nipple, with female end and male thread



| Art.-Nr. | Dimensions | |
|--------------|--------------|----|
| 124243G1238 | 12 x 3/8 | HT |
| 124243G1538 | 15 x 3/8 | HT |
| 124243G1512 | 15 x 1/2 | HT |
| 124243G1534 | 15 x 3/4 | HT |
| 124243G1812 | 18 x 1/2 | HT |
| 124243G1834 | 18 x 3/4 | HT |
| 124243G2212 | 22 x 1/2 | HT |
| 124243G2234 | 22 x 3/4 | HT |
| 124243G221 | 22 x 1 | HT |
| 124243G2834 | 28 x 3/4 | HT |
| 124243G281 | 28 x 1 | HT |
| 124243G28114 | 28 x 1 1/4 | HT |
| 124243G351 | 35 x 1 | HT |
| 124243G35114 | 35 x 1 1/4 | HT |
| 124243G42114 | 42 x 1 1/4 | HT |
| 124243G42112 | 42 x 1 1/2 | HT |
| 124243G542 | 54 x 2 | HT |
| 124243G67212 | 67 x 2 1/2 | HT |
| 124243G76212 | 76,1 x 2 1/2 | HT |
| 124243G763 | 76,1 x 3 | HT |
| 124243G893 | 88,9 x 3 | HT |
| 124243G1084 | 108,0 x 4 | HT |

24243

Fitting reducer, with female and male plain end



| Art.-Nr. | Dimensions | |
|-------------|---------------|----|
| 1242431512 | 15a x 12 | |
| 1242431812 | 18a x 12 | |
| 1242431815 | 18a x 15 | HT |
| 1242432215 | 22a x 15 | HT |
| 1242432218 | 22a x 18 | HT |
| 1242432815 | 28a x 15 | |
| 1242432818 | 28a x 18 | HT |
| 1242432822 | 28a x 22 | HT |
| 1242433522 | 35a x 22 | HT |
| 1242433528 | 35a x 28 | HT |
| 1242434222 | 42a x 22 | |
| 1242434228 | 42a x 28 | HT |
| 1242434235 | 42a x 35 | HT |
| 1242435435 | 54a x 35 | HT |
| 1242435442 | 54a x 42 | HT |
| 1242436728 | 67a x 28 | |
| 1242436735 | 67a x 35 | |
| 1242436742 | 67a x 42 | |
| 1242436754 | 67a x 54 | |
| 1242437635 | 76,1a x 35 | HT |
| 1242437642 | 76,1a x 42 | HT |
| 1242437654 | 76,1a x 54 | HT |
| 1242437667 | 76,1a x 67 | |
| 1242438954 | 88,9a x 54 | HT |
| 1242438976 | 88,9a x 76,1 | HT |
| 12424310842 | 108,0a x 42 | HT |
| 12424310854 | 108,0a x 54 | HT |
| 12424310867 | 108,0a x 67 | |
| 12424310876 | 108,0a x 76,1 | HT |
| 12424310889 | 108,0a x 88,9 | HT |

24270 G

Transition coupling, with female end and female thread



| Art.-Nr. | Dimensions | |
|--------------|------------|----|
| 124270G1212 | 12 x 1/2 | HT |
| 124270G1512 | 15 x 1/2 | HT |
| 124270G1812 | 18 x 1/2 | HT |
| 124270G1834 | 18 x 3/4 | HT |
| 124270G2212 | 22 x 1/2 | HT |
| 124270G2234 | 22 x 3/4 | |
| 124270G221 | 22 x 1 | HT |
| 124270G2812 | 28 x 1/2 | HT |
| 124270G2834 | 28 x 3/4 | HT |
| 124270G281 | 28 x 1 | HT |
| 124270G28114 | 28 x 1 1/4 | HT |
| 124270G351 | 35 x 1 | HT |
| 124270G35114 | 35 x 1 1/4 | HT |
| 124270G35112 | 35 x 1 1/2 | HT |
| 124270G42114 | 42 x 1 1/4 | HT |
| 124270G42112 | 42 x 1 1/2 | HT |
| 124270G54112 | 54 x 1 1/2 | HT |
| 124270G542 | 54 x 2 | HT |
| 124270G67212 | 67 x 2 1/2 | HT |
| 124270G76212 | 76 x 2 1/2 | HT |
| 124270G893 | 88,9 x 3 | HT |

24301

Cap, female end



| Art.-Nr. | Dimensions | |
|-----------|------------|----|
| 12430112 | 12 | HT |
| 12430115 | 15 | HT |
| 12430118 | 18 | HT |
| 12430122 | 22 | HT |
| 12430128 | 28 | HT |
| 12430135 | 35 | HT |
| 12430142 | 42 | HT |
| 12430154 | 54 | HT |
| 12430167 | 67 | |
| 12430176 | 76,1 | |
| 12430189 | 88,9 | |
| 124301108 | 108,0 | |

24330

Union, flat sealing, female/female end



| Art.-Nr. | Dimensions | |
|----------|------------|----|
| 12433015 | 15 | HT |
| 12433018 | 18 | HT |
| 12433022 | 22 | HT |
| 12433028 | 28 | HT |
| 12433035 | 35 | HT |
| 12433042 | 42 | HT |
| 12433054 | 54 | HT |

HT SANHA®-Therm Industry system is available with unique article numbers

24246 G

Transition element (coupling/nipple), with male plain end and female thread



| Art.-Nr. | Dimensions |
|-------------|------------|
| 124246G1212 | 12a x 1/2 |
| 124246G1512 | 15a x 1/2 |
| 124246G1812 | 18a x 1/2 |
| 124246G1834 | 18a x 3/4 |
| 124246G2212 | 22a x 1/2 |
| 124246G2234 | 22a x 3/4 |

24250

Transition nipple, with male plain and groove for tube coupling



| Art.-Nr. | Dimensions |
|--------------|----------------|
| 12425028337 | 28 x 33,7 HT |
| 12425035424 | 35 x 42,4 HT |
| 12425042483 | 42 x 48,3 HT |
| 12425054603 | 54 x 60,3 HT |
| 124250761761 | 76,1 x 76,1 HT |
| 124250889889 | 88,9 x 88,9 HT |
| 124250108114 | 108 x 114 HT |

24583

Cross tee



| Art.-Nr. | Dimensions (mm) |
|------------|-----------------|
| 1245831512 | 15 x 12 x 280 |
| 1245831515 | 15 x 15 x 280 |
| 1245831812 | 18 x 12 x 280 |
| 1245831815 | 18 x 15 x 280 |
| 1245832212 | 22 x 12 x 280 |
| 1245832215 | 22 x 15 x 280 |
| 1245832815 | 28 x 15 x 280 |

24584

Twin pipe crossover tee for pipe end



| Art.-Nr. | Dimensions (mm) |
|------------|-----------------|
| 1245841212 | 12 x 12 x 500 |
| 1245841512 | 15 x 12 x 500 |
| 1245841515 | 15 x 15 x 500 |
| 1245841812 | 18 x 12 x 500 |
| 1245841815 | 18 x 15 x 500 |
| 1245842212 | 22 x 12 x 500 |
| 1245842215 | 22 x 15 x 500 |

24280 G

Transition nipple, with male plain end and male thread



| Art.-Nr. | Dimensions |
|-------------|------------|
| 124280G1212 | 12a x 1/2 |
| 124280G1512 | 15a x 1/2 |
| 124280G1812 | 18a x 1/2 |
| 124280G1834 | 18a x 3/4 |
| 124280G2212 | 22a x 1/2 |
| 124280G2234 | 22a x 3/4 |

24333 G

Union, flat sealing, with female end and male thread



| Art.-Nr. | Dimensions |
|--------------|---------------|
| 124333G1512 | 15 x 1/2 HT |
| 124333G1812 | 18 x 1/2 HT |
| 124333G2234 | 22 x 3/4 HT |
| 124333G221 | 22 x 1 HT |
| 124333G281 | 28 x 1 HT |
| 124333G35114 | 35 x 1 1/4 HT |
| 124333G42112 | 42 x 1 1/2 HT |
| 124333G542 | 54 x 2 HT |

24580

SANHA-Therm Cross tee, with 50 mm high insulation box, for mixture-free crossing of pipes keeping minimum installation heights



| Art.-Nr. | Dimensions |
|--------------|--------------|
| 124580151215 | 15 x 12 x 15 |
| 12458015 | 15 |
| 124580181218 | 18 x 12 x 18 |
| 124580181518 | 18 x 15 x 18 |
| 124580221522 | 22 x 15 x 22 |
| 1241812818.1 | 28 x 18 |

24359 G

Union adapter, flat sealing, female end



| Art.-Nr. | Dimensions |
|--------------|-----------------|
| 124359G1534 | 15 x 3/4 HT |
| 124359G1834 | 18 x 3/4 HT |
| 124359G181 | 18 x 1 HT |
| 124359G2234 | 22 x 3/4 HT |
| 124359G221 | 22 x 1 HT |
| 124359G22114 | 22 x 1 1/4 HT |
| 124359G28114 | 28 x 1 1/4 HT |
| 124359G28112 | 28 x 1 1/2 HT |
| 124359G35112 | 35 x 1 1/2 HT |
| 124359G352 | 35 x 2 HT |
| 124359G42134 | 42 x 1 3/4 HT |
| 124359G422 | 42 x 2 HT |
| 124359G54238 | 54 x 2 3/8 HT |
| 124359G763 | 76,1 x 3 HT |
| 124359G89312 | 88,9 x 3 1/2 HT |

24585

Cross tee for radiators



| Art.-Nr. | Dimensions (mm) |
|------------|-----------------|
| 1245851212 | 12 x 12 x 270 |
| 1245851512 | 15 x 12 x 270 |

24582

Twin pipe crossover tee



| Art.-Nr. | Dimensions (mm) |
|------------|-----------------|
| 1245821212 | 12 x 12 x 500 |
| 1245821512 | 15 x 12 x 500 |
| 1245821515 | 15 x 15 x 500 |
| 1245821812 | 18 x 12 x 500 |
| 1245821815 | 18 x 15 x 500 |
| 1245822212 | 22 x 12 x 500 |
| 1245822215 | 22 x 15 x 500 |
| 1245822815 | 28 x 15 x 500 |

24580.1

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



| Art.-Nr. | Dimensions |
|---------------|--------------|
| 1245801151215 | 15 x 12 x 15 |
| 124580115 | 15 |
| 1245801181218 | 18 x 12 x 18 |
| 1245801181518 | 18 x 15 x 18 |
| 1245801221522 | 22 x 15 x 22 |
| 1245801221822 | 22 x 18 x 22 |

SANHA recommendation:

When installed in a screed or in humid ambient conditions, the carbon steel installation system may only be used if it can be assured, through practical measures, that there will be no long term exposure to humidity or moisture. If this cannot be guaranteed we recommend the use of our stainless steel system pipes, NiroTherm® in combination with our proven stainless steel press fittings from the NiroSan® series as economic alternative to extensive protective insulation according to AGI worksheet Q 151.

More information in our complete catalogue or at www.sanha.com

With safety on your side

SANHA offers genuine advantages

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.

As a specialist for pipeline systems we offer a unique breadth and depth of products for all of the usual connection techniques and applications from a one stop shop. Tried and tested installation techniques are as much a part of our program as practice-oriented innovations.

And that's why: SANHA. Always a perfect fit.

Your advantages:

- 1 Always fits**
At SANHA, the focus is on the installer, whose job we want to make as easy as possible. For this reason, all SANHA products offer extensive advantages that enable easy and convenient workmanship.
- 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 and BSI, 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.

