

Winkler Technik



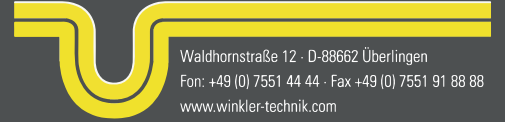
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www.winkler-technik.com



INNOVATIVE FIXING
TECHNOLOGY FOR
UNDERFLOOR-HEATING
AND COOLING SYSTEMS



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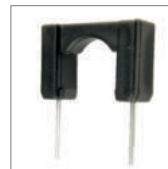
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About us

Winkler Technik GmbH is the world market leader in innovative mounting systems for surface temperature control systems. Wherever underfloor or wall heating is installed, fixing technologies from our range are very likely to be used. Installers also prefer to use our products when building snow melting systems for garage entrances, grass heating systems for football stadiums or heating systems for aircraft runways.

Highest quality

There is a good reason for this: our products, manufactured in Germany and Switzerland, meet the highest quality standards. In addition, we cover all needs in terms of fastening technology for surface temperature control with our comprehensive range. Our products include, among others:

- mounting rails for various tube dimensions
- rail fixings and suitable fixing tools
- staple systems
- clips for the tube fixing
- plastic bend supports and 90° elbows

Innovation as the basis for success

Our company looks back on a history of more than 100 years, thanks to which we have an enormous wealth of knowledge and experience. The great-grandfather of the current generation of entrepreneurs, Adolf Winkler, was already active in the field of surface temperature control with his locksmith's shop founded in Berlin in 1904. His son Alfred revolutionised underfloor heating in 1962 with a new type of plastic tube.

The innovator gene jumped over to the next generation: Wolfram Winkler focused on improving fastening technology. To this end, the graduate engineer with a doctorate in sales psychology founded today's Winkler Technik GmbH with his wife, Erika Winkler, in 1977. Among other things, he developed the U-rail and was responsible for the registration of numerous patents.

Focus on the customer

Today, the fourth generation is at the helm of our family business. Also, under the leadership of Alexander Winkler and his wife Veronika, innovation is a central pillar of our company's success. In 2011, 2018 and 2024, we were named one of the most innovative companies in Germany in the highly regarded TOP 100 competition. The last two decades have been characterised by solid growth. We are active in more than 30 countries and cooperate with various industry partners.

However, the customer remains at the centre of everything we do. To satisfy the needs of our clientele, we do our best every day. Our core values are quality, reliability, honesty, respect and fairness. We are happy to be measured by this. Because what we do, we do with passion and conviction. We are here for you!



Alexander Winkler
Chief Executive Officer (CEO)

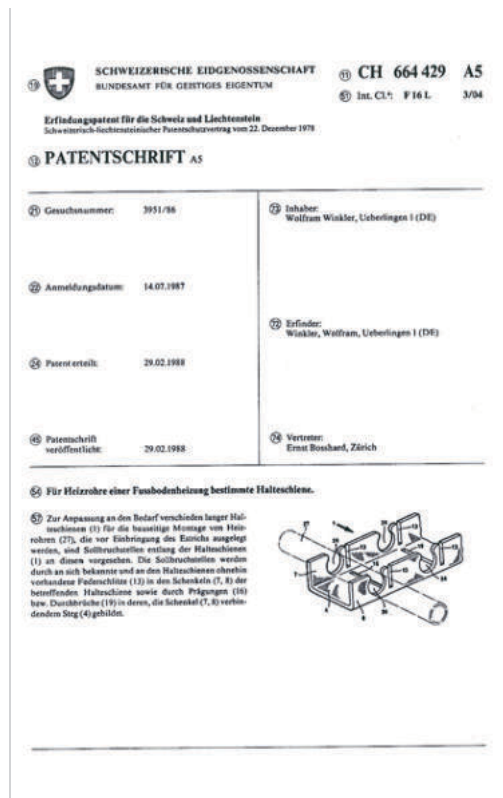
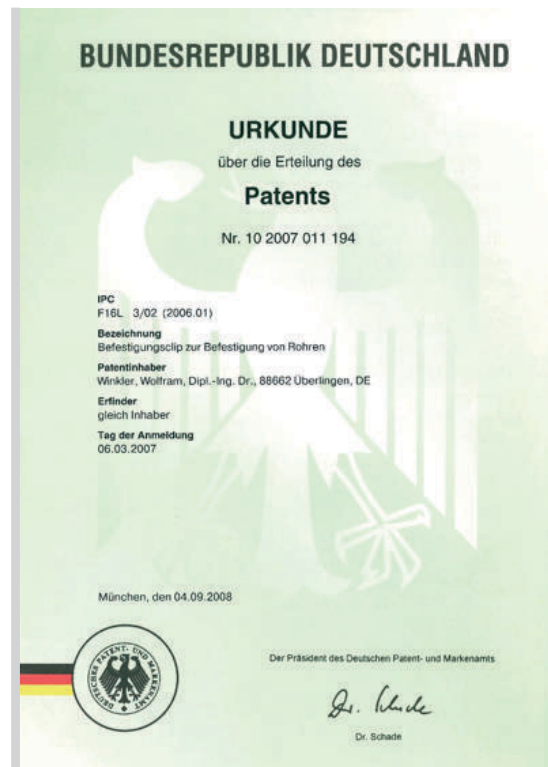


Veronika Winkler
Chief Executive Officer (CEO)

We are wherever you are.
 Worldwide.

Winkler Technik is out in the field:
 on the building site and also at
 the biggest trade shows in the
 world. Patented solutions for
 underfloor-heating and cooling,
 and more.

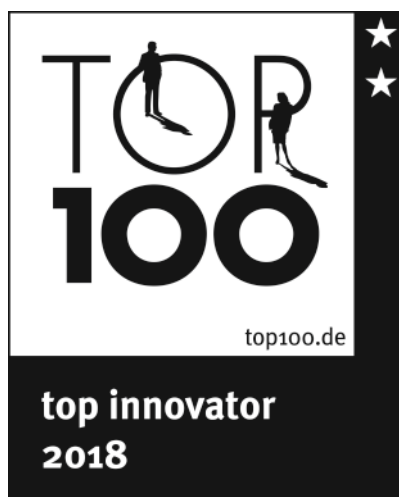
We maintain a presence in our
 core markets and offer our
 customers the service, know-how
 and implementation they need.
 Promptly and on schedule.



The innovative flair of the company founders and their successors still characterizes the company's prestige even today. In 2007 alone, Winkler Technik registered five new patents.

Winkler Technik was awarded the quality seal „Top 100“ as one of the most innovative medium-sized companies in Germany in 2011, the „Wachstums-Champion 2013“ (growth champion) in 2013 and the „National Champion 2016/17“ for Germany in the „European Business Awards“.

In 2018, we were once again awarded the „TOP 100“ quality seal. In 2021, we were certified by "Great Place To Work" as an „attractive employer“. We received the award „Arbeitgeber der Zukunft“ (employer of the future) in 2023 and again in 2024 the quality seal „Top 100“.



The Winkler Technik Team



Alexander Winkler
Chief Executive Officer (CEO)



Veronika Winkler
Chief Executive Officer (CEO)



Heike Flesch
Sales Team Member



Anita Müller
Export Team Member



Anatol Stein
Sales Team Member



Bernd Picker
Sales Team Member



Dirk Baur
Export Team Member



Kristine Schatz
Logistic Team Member



Margit Donzi
Export Team Member

The Winkler Technik Team



Martin Voigt
Logistic Team Member



Timo Sproll
Financial Team Member

Mounting Rails

Mounting rails for gentle holding of the tubes on different surfaces like insulation boards, concrete, wood and also on soil.

The rail is very suitable for installation on large-areas for example lawn heating in stadiums.



Information on the Mounting Rails:

- different rails are available for tubes with an OD of 8 - 25 mm (1/4" - 1")
- all rails are available with adhesive tape
- tube distances from 25 - 100 mm (1" - 4")
- length: 2 m (6 1/2 ft), other lengths on request



article no. 3010T

3010TK (with adhesive tape)
for tubes with an OD 10 mm
length: 2 m (6 1/2 ft)
packing: 896 m/pallet (2,940 ft)
28 bundles à 32 m (105 ft)



article no. 3012T

3012TK (with adhesive tape)
for tubes with an OD 12 mm
length: 2 m (6 1/2 ft)
packing: 896 m/pallet (2,940 ft)
28 bundles à 32 m (105 ft)



article no. 4014T25

4014TK25 (with adhesive tape)
for tubes with an OD 14 mm
length: 2 m (6 1/2 ft)
packing: 896 m/pallet (2,940 ft)
28 bundles à 32 m (105 ft)



article no. 4016T

4016TK (with adhesive tape)
for tubes with an OD 16 mm (1/2")
length: 2 m (6 1/2 ft)
packing: 896 m/pallet (2,940 ft)
28 bundles à 32 m (105 ft)



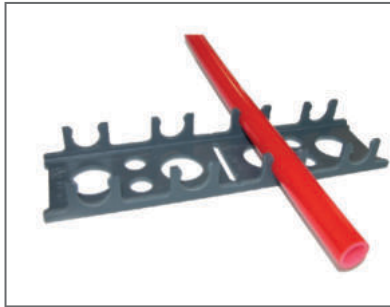
article no. 4017T

4017TK (with adhesive tape)
for tubes with an OD 17 mm
length: 2 m (6 1/2 ft)
packing: 896 m/pallet (2,940 ft)
28 bundles à 32 m (105 ft)



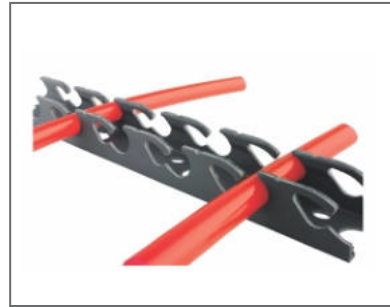
article no. 4018T

4018TK (with adhesive tape)
for tubes with an OD 18 mm (5/8")
length: 2 m (6 1/2 ft)
packing: 896 m/pallet (2,940 ft)
28 bundles à 32 m (105 ft)



article no. ZS1617T

ZS1617TK (with adhesive tape)
 for tubes with an OD 16/17 mm (1/2")
 length: 2 m (6 1/2 ft)
 packing: 896 m/pallet (2,940 ft)
 28 bundles à 32 m (105 ft)



article no. JR1417T

JR1417TK (with adhesive tape)
 for tubes with an OD 14-17 mm (1/2")
 length: 2 m (6 1/2 ft)
 packing: 960 m/pallet (3,149 ft)
 30 bundles à 32 m (105 ft)



article no. 51617T25

51617TK25 (with adhesive tape)
 for tubes with an OD 16/17 mm (1/2")
 length: 2 m (6 1/2 ft)
 packing: 896 m/pallet (2,940 ft)
 28 bundles à 32 m (105 ft)



article no. 5020T

5020TK (with adhesive tape)
 for tubes with an OD 20 mm
 length: 2 m (6 1/2 ft)
 packing: 896 m/pallet (2,940 ft)
 28 bundles à 32 m (105 ft)



article no. 5022T

5022TK (with adhesive tape)
 for tubes with an OD 22 mm (3/4")
 length: 2 m (6 1/2 ft)
 packing: 896 m/pallet (2,940 ft)
 28 bundles à 32 m (105 ft)

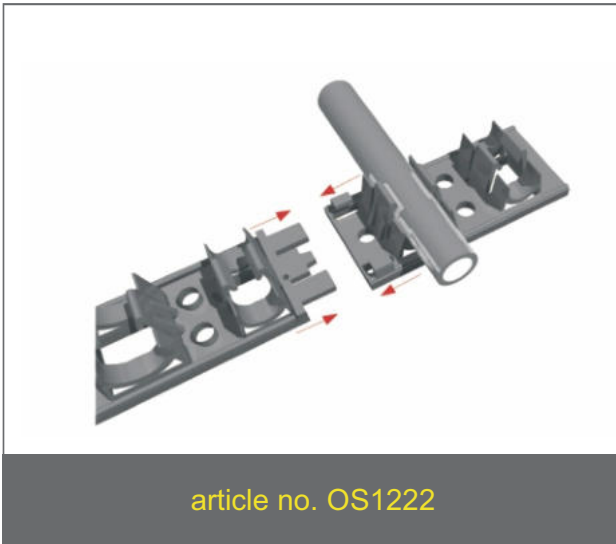


article no. 5025T

(with tube distance 50 mm (2") or 100 mm (4") available)
 for tubes with an OD 25 mm
 length: 4 m (13 ft)
 packing: 1,600 m/pallet (5,248 ft)
 25 bundles à 64 m (210 ft)

Clip-Rails

for fixing tubes to various surfaces



article no. OS1222



article no. PS1217

OSK 1222 (with adhesive tape)
 OSW1222 (with barbed hooks)
 for tubes with an OD 12 - 22 mm (3/8" - 3/4")
 (also oval tubing)
 length: 1 m (3 1/4 ft) - pluggable
 packing: 100 m/carton (328 ft)

PSK1217 (with adhesive tape)
 for tubes with an OD 12 - 17 mm (3/8" - 1/2")
 length: 1 m (3 1/4 ft) or 2 m (6 1/2 ft)
 packing: 100 m/carton (328 ft)



article no. XCS16-17W



● hinge

XCS1617WS (with hinge)
 for tubing OD 16 - 17mm (1/2")
 length: 1 m (3 1/4 ft) - pluggable

Holding Pins

for fastening of all Winkler Rails, foils and tube bends on insulation



length: 39 mm (1 1/2")
 for tubing OD up to 20 mm (5/8")
 set by hand
 packing:
 500 pieces/bag
 5,000 pieces/carton



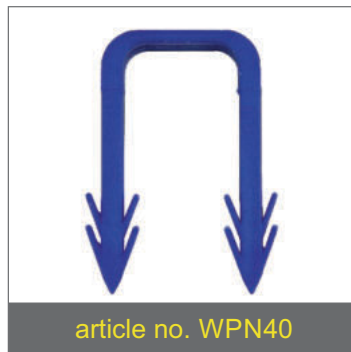
length: 46 mm (1 3/4")
 for tubing OD up to 20 mm (5/8")
 set by hand
 packing:
 500 pieces/bag
 5,000 pieces/carton



length: 61 mm (2 3/8")
 for tubing OD up to 20 mm (5/8")
 set by hand
 packing:
 500 pieces/bag
 5,000 pieces/carton



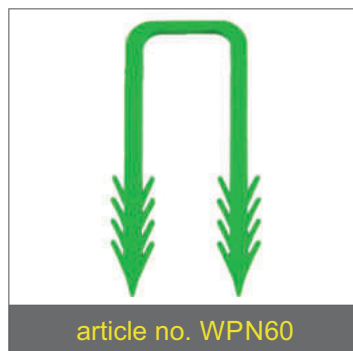
length: 52 mm (2")
 for tubing OD up to 26 mm (3/4")
 set by hand
 packing:
 100 pieces/bag
 1,000 pieces/carton



length: 39 mm (1 1/2")
 for tubing OD up to 20 mm (5/8")
 set by WinkPin tool
 packing:
 250 pieces/carton
 in magazines of 25 pieces each



length: 47 mm (1 7/8")
 for tubing OD up to 20 mm (5/8")
 set by WinkPin tool
 packing:
 250 pieces/carton
 in magazines of 25 pieces each



length: 62 mm (2 1/2")
 for tubing OD up to 20 mm (5/8")
 set by WinkPin tool
 packing:
 250 pieces/carton
 in magazines of 25 pieces each



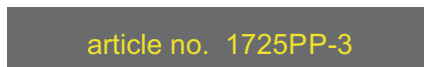
article no. WKP
 fixing tool for WPN40, WPN50
 and WPN60
 packing:
 1 piece/carton

Clips

for fastening of tubes on wire mesh



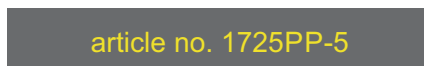
for tubing OD 16 - 20 mm (1/2" - 5/8")
for wire diameter 3 - 4.5 mm (1/8" - 3/16")
packing: 1,000 pieces/carton



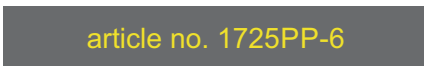
for tubing OD 17 - 25 mm (5/8" - 3/4")
for wire diameter 3 mm (1/8")
packing: 1,000 pieces/carton



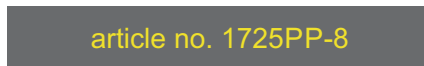
for tubing OD 17 - 25 mm (5/8" - 3/4")
for wire diameter 4 mm (3/16")
packing: 1,000 pieces/carton



for tubing OD 17 - 25 mm (5/8" - 3/4")
for wire diameter 5 mm (13/64")
packing: 1,000 pieces/carton



for tubing OD 17 - 25 mm (5/8" - 3/4")
for wire diameter 6 mm (1/4")
packing: 1,000 pieces/carton



for tubing OD 17 - 25 mm (5/8" - 3/4")
for wire diameter 8 mm (5/16")
packing: 1,000 pieces/carton



for tubing OD 16 - 20 mm (1/2" - 5/8")
for wire diameter 3 mm (1/8")
packing: 1,000 pieces/carton



for tubing OD 20 - 26 mm (5/8" - 3/4")
for wire diameter 3 - 8 mm (1/8" - 5/16")
packing: 1,300 pieces/carton



for tubing OD 16 - 20 mm (1/2" - 5/8")
for wire diameter 4 mm (3/16")
packing: 1,000 pieces/carton

SW-Clamps

For easy and quick fastening of all conventional tubes with an OD of 14 - 35 mm (3/8" - 1 1/4") on a wall or a ceiling



Temperature resistance: -30°C to +85° C
Surface UV-proof

Connector system combinable with all sizes

article no. SW15W

for tubes with an OD
14,0 - 16,5 mm (1/2")
color: white (other colors on request)
packing: 100 pieces/carton

article no. SW17W

for tubes with an OD
16,5 - 19,5 mm (5/8")
color: white (other colors on request)
packing: 100 pieces/carton

article no. SW20W

for tubes with an OD
19,5 - 24,0 mm (3/4")
color: white (other colors on request)
packing: 50 pieces/carton

article no. SW25W

for tubes with an OD
24,2 - 28,0 mm (1")
color: white (other colors on request)
packing: 50 pieces/carton

article no. SW32W

for tubes with an OD
31,2 - 35,8 mm (1 1/4")
color: white (other colors on request)
packing: 50 pieces/carton

Plastic Bend Supports

the neat solution below the manifold



for tubes with an OD 8 - 10 mm
 (1/4")
 packing:
 50 pieces/bag
 500 pieces/carton



with center mounting ears
 for tubes with an OD 8 - 10 mm
 (1/4")
 packing:
 10 pieces/bag
 100 pieces/carton



for tubes with an OD 10 - 14 mm
 (3/8")
 packing:
 50 pieces/bag
 500 pieces/carton



with center mounting ears
 for tubes with an OD 10 - 14 mm
 (3/8")
 packing:
 50 pieces/bag
 400 pieces/carton



for tubes with an OD 16 - 18 mm
 (1/2")
 packing:
 50 pieces/bag
 500 pieces/carton



with center mounting ears
 for tubes with an OD 16 - 18 mm
 (1/2")
 packing:
 50 pieces/bag
 400 pieces/carton



for tubes with an OD 20 mm
 (5/8")
 packing:
 50 pieces/box



with center mounting ears
 for tubes with an OD 20 mm
 (5/8")
 packing:
 50 pieces/box



article no. WSK23

for tubes with an OD 23 mm
(3/4")

packing:
50 pieces/box



article no. WSKO23

with center mounting ears
for tubes with an OD 23 mm
(3/4")

packing:
50 pieces/box



article no. WSK25

for tubes with an OD 25 mm
(3/4")

packing:
50 pieces/box



article no. WSKO25

with center mounting ears
for tubes with an OD 25 mm
(3/4")

packing:
50 pieces/box



article no. WSK29

for tubes with an OD 29 mm
(1")

packing:
50 pieces/box



article no. WSKO29

with center mounting ears
for tubes with an OD 29 mm
(1")

packing:
50 pieces/box



article no. WSK3235

for tubes with an OD 32 - 35 mm
(1 1/4")

packing:
50 pieces/box



article no. WSKO3235

with center mounting ears
for tubes with an OD 32 - 35 mm
(1 1/4")

packing:
50 pieces/box

Tacker Tools

for fastening of tubes on insulation



suitable for staple
E2/E2L
packing: 1 piece/carton



suitable for staple
R1PP/R1PPL/R2
packing: 1 piece/carton



suitable for staple
R2K
packing: 1 piece/carton



suitable for staple
C0312
packing: 1 piece/carton



suitable for staple
S1720GE/ R2GE/PANPPLGE
packing: 1 piece/carton



suitable for staple
E2GE/E2LGE
packing: 1 piece/carton

Staples

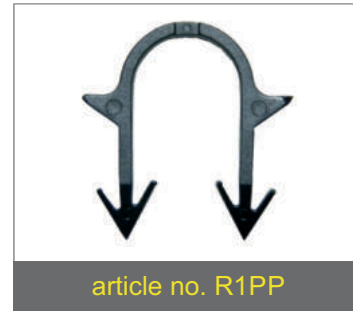
for fastening of tubes on insulation



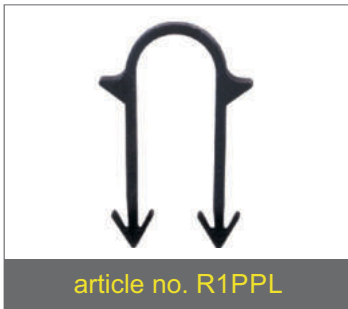
article no. E2GE
 for tubes with an OD
 16 - 20 mm (1/2" - 5/8")
 length: 39 mm (1 1/2")
 packing:
 1,000 pieces/carton
 in magazines à 20 pieces each



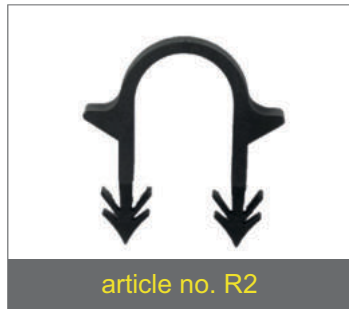
article no. E2LGE
 for tubes with an OD
 16 - 20 mm (1/2" - 5/8")
 length: 54 mm (2 1/8")
 packing:
 300 pieces/box
 in magazines à 20 pieces each



for tubes with an OD
 16 - 20 mm (1/2" - 5/8")
 length: 38 mm (1 1/2")
 packing:
 300 pieces/box
 6,000 pieces/carton
 in magazines à 30 pieces each



for tubes with an OD
 16 - 20 mm (1/2" - 5/8")
 length: 54 mm (2 1/8")
 packing:
 300 pieces/box
 in magazines à 30 pieces each



article no. R2GE
 for tubes with an OD
 16 - 20 mm (1/2" - 5/8")
 length: 39 mm (1 1/2")
 packing:
 300 pieces/box
 6,000 pieces/carton
 in magazines à 30 pieces each



for tubes with an OD
 12 - 16 mm (3/8" - 1/2")
 length: 31 mm (1 1/4")
 packing:
 300 pieces/box
 6,000 pieces/carton
 in magazines à 30 pieces each



for tubes with an OD
 6 - 12 mm (1/4" - 1/2")
 for cables: 3 - 8 mm (1/8" - 5/16")
 length: 26 mm (1")
 packing:
 600 pieces/box
 12,000 pieces/carton
 in magazines à 30 pieces each

more systems available on request

Winkler Rider System

installation of tubes on wooden subfloor



article no. WR16

for tubes with an OD up to 18 mm
 (3/8" - 5/8")
 length: 36 mm (1 3/8")
 packing: 500 pieces/carton
 in magazines à 20 pieces



article no. RG

Fastening Tool for WR16
 packing: 1 piece/carton

90° Elbows

conduit elbow for plastic tubing



article no. BG20/26/28

for tubes with an OD up to
 20 mm (5/8")
 inside diameter 26 mm (1")
 outside diameter 28 mm (1 1/8")
 packing: 50 pieces/carton

article no. BG22/34/37

for tubes with an OD up to
 22,2 mm (3/4")
 inside diameter 34 mm (1 3/8")
 outside diameter 37 mm (1 1/2")
 packing: 50 pieces/carton



article no. BGM18/25/28

with socket
 for tubes with an OD up to
 18 mm (1/2")
 outside diameter 28 mm (1 1/8")
 inside diameter 25 mm (1")
 packing: 100 pieces/carton

article no. BGM20/29/32

with socket
 for tubes with an OD up to
 20 mm (5/8")
 outside diameter 32 mm (1 2/8")
 inside diameter 29 mm (1 1/8")
 packing: 100 pieces/carton

Escutcheons

white (other colors on request)

wall and floor trim - easy mounting



article no. ROSW 10

for tubes with an OD 10 mm
 packing: 100 pieces/bag

article no. ROSW 12

for tubes with an OD 12 mm
 packing: 100 pieces/bag

article no. ROSW 14

for tubes with an OD 14 mm
 packing: 100 pieces/bag

article no. ROSW 15

for tubes with an OD 15 mm
 packing: 100 pieces/bag

article no. ROSW 16

for tubes with an OD 16 mm
 packing: 100 pieces/bag

article no. ROSW 3/8"-18

for tubes with an OD 18 mm (3/8")
 packing: 100 pieces/bag

article no. ROSW 20

for tubes with an OD 20 mm
 packing: 100 pieces/bag

article no. ROSW 1/2"-22

for tubes with an OD 22 mm (1/2")
 packing: 100 pieces/bag

article no. ROSW 25

for tubes with an OD 25 mm
 packing: 100 pieces/bag

article no. ROSW 3/4"-28

for tubes with an OD 28 mm (3/4")
 packing: 100 pieces/bag

article no. ROSW 1"-35

for tubes with an OD 35 mm (1")
 packing: 100 pieces/bag

article no. ROSW 1 1/4"-42

for tubes with an OD 42 mm (1 1/4")
 packing: 100 pieces/bag

article no. ROSW 1 1/2"-48,8

for tubes with an OD 48,8 mm (1 1/2")
 packing: 50 pieces/bag

article no. ROSW 2"-60,8

for tubes with an OD 60,8 mm (2")
 packing: 50 pieces/bag



article no. HRD_35

tube spacing: 35 mm (1 3/8")
 for tubes with an OD:
 Typ A: 12 (3/8"), 15, 18, 20 (5/8") mm (metal tubes)
 Typ B: 14, 16 (1/2"), 18, 20 (5/8") mm (plastic tubes)
 packing: 50 pieces/bag
 500 pieces/carton

article no. HRD_40

tube spacing: 40 mm (1 9/16")
 for tubes with an OD:
 Typ A: 12 (3/8"), 15, 18, 20 (5/8") mm (metal tubes)
 Typ B: 14, 16 (1/2"), 18, 20 (5/8") mm (plastic tubes)
 packing: 50 pieces/bag
 500 pieces/carton

article no. HRD_45

tube spacing: 45 mm (1 3/4")
 for tubes with an OD:
 Typ A: 12 (3/8"), 15, 18, 20 (5/8") mm (metal tubes)
 Typ B: 14, 16 (1/2"), 18 und 20 (5/8") mm (plastic tubes)
 packing: 50 pieces/bag
 500 pieces/carton

article no. HRD_50

tube spacing: 50 mm (2")
 for tubes with an OD:
 Typ A: 12 (3/8"), 15, 18, 20 (5/8") mm (metal tubes)
 Typ B: 14, 16 (1/2"), 18, 20 (5/8") mm (plastic tubes)
 Typ C: 15 mm
 packing: 50 pieces/bag
 500 pieces/carton

Fastening Hooks

for a quick, safe and sound reduced installation of metal and plastic tubes



article no. RH1417

for tubes with an OD up to 14 - 17 mm (3/8" - 1/2")
length: 50 mm (2")
shaft OD: 6 mm (1/4")
packing:
1,000 pieces/carton



article no. DRH1417

for tubes with an OD up to 14 - 17 mm (3/8" - 1/2")
length: 50 mm (2")
shaft OD: 6 mm (1/4")
packing:
1,000 pieces/carton

article no. RH1720

for tubes with an OD up to 17 - 20 mm (1/2" - 5/8")
length: 52 mm (2")
shaft OD: 6 mm (1/4")
packing:
1,000 pieces/carton

article no. DRH1720

for tubes with an OD up to 17 - 20 mm (1/2" - 5/8")
length: 52 mm (2")
shaft OD: 6 mm (1/4")
packing:
1,000 pieces/carton

article no. RH2226

for tubes with an OD up to 22 - 26 mm (3/4")
length: 54 mm (2 1/8")
shaft OD: 6 mm (1/4")
packing:
1,000 pieces/carton

article no. DRH2226

for tubes with an OD up to 22 - 26 mm (3/4")
length: 54 mm (2 1/8")
shaft OD: 6 mm (1/4")
packing:
1,000 pieces/carton

article no. DH0606

for tubes with an OD up to 30 mm (1")
length: 60 mm (2 3/8")
shaft OD: 6 mm (1/4")
packing: 100 pieces/bag
1,000 pieces/carton



article no. DH0608

for tubes with an OD up to 40 mm (1 1/2")
length: 60 mm (2 3/8")
shaft OD: 8 mm (5/16")
packing: 50 pieces/bag
1,000 pieces/carton

article no. DH0908

for tubes with an OD up to 40 mm (1 1/2")
length: 90 mm (3 1/2")
shaft OD: 8 mm (5/16")
packing: 50 pieces/bag
1,000 pieces/carton

article no. DH1208

for tubes with an OD up to 40 mm (1 1/2")
length: 120 mm (4 3/4")
shaft OD: 8 mm (5/16")
packing: 50 pieces/bag
1,000 pieces/carton

article no. DHM

for tubes with an OD up to 55 mm (2")
length: 108 mm (4 1/4")
shaft OD: 8 mm (5/16")
packing: 50 pieces/bag
1,000 pieces/carton

article no. DDH0606

for tubes with an OD up to 30 mm (1")
length: 60 mm (2 3/8")
shaft OD: 6 mm (1/4")
packing: 100 pieces/bag
1,000 pieces/carton



article no. DDH0608

for tubes with an OD up to 40 mm (1 1/2")
length: 60 mm (2 3/8")
shaft OD: 8 mm (5/16")
packing: 50 pieces/bag
1,000 pieces/carton

article no. DDH0908

for tubes with an OD up to 40 mm (1 1/2")
length: 90 mm (3 1/2")
shaft OD: 8 mm (5/16")
packing: 50 pieces/bag
1,000 pieces/carton

article no. DDH1208

for tubes with an OD up to 40 mm (1 1/2")
length: 120 mm (4 3/4")
shaft OD: 8 mm (5/16")
packing: 50 pieces/bag
1,000 pieces/carton

article no. DDHM1208

for tubes with an OD up to 60 mm (2")
length: 120 mm (4 3/4")
shaft OD: 8 mm (5/16")
packing: 50 pieces/bag
500 pieces/carton

Plastic Nails

for fastening of Winkler Rails on wood and concrete



article no. KN0608

length: 60 mm (2 3/8")
 shaft OD: 8 mm (5/16")
 packing: 100 pieces/bag
 500 pieces/carton

article no. KN0908

length: 90 mm (3 1/2")
 shaft OD: 8 mm (5/16")
 packing: 100 pieces/bag
 500 pieces/carton

article no. KN1208

length: 120 mm (4 3/4")
 shaft OD: 8 mm (5/16")
 packing: 100 pieces/bag
 500 pieces/carton



article no. KNK0608

with cable tie
 length: 60 mm (2 3/8")
 shaft OD: 8 mm (5/16")
 packing: 1,000 pieces/carton

article no. KNK0908

with cable tie
 length: 90 mm (3 1/2")
 shaft OD: 8 mm (5/16")
 packing: 1,000 pieces/carton

article no. KNK1208

with cable tie
 length: 120 mm (4 3/4")
 shaft OD: 8 mm (5/16")
 packing: 1,000 pieces/carton

Hold-Down-Dowels

for safe fastening of insulation and wire mesh



article no. NH0908

length: 90 mm (3 1/2")
 shaft OD: 8 mm (5/16")
 packing: 100 pieces/bag
 1,000 pieces/carton

article no. NH0608

length: 60 mm (2 3/8")
 shaft OD: 8 mm (5/16")
 packing: 100 pieces/bag
 1,000 pieces/carton

article no. NH1208

length: 120 mm (4 3/4")
 shaft OD: 8 mm (5/16")
 packing: 100 pieces/bag
 1,000 pieces/carton

Miscellaneous



article no. AC1620

for insulation
 for tubes with an OD
 16 - 20 mm (1/2" - 5/8")
 packing: 1,000 pieces/carton



article no. MTG1620

Mounting Tool for AC1620
 packing: 1 piece/carton



article no. PED

Expansion Joint Plate
 150 mm (6") high
 8 mm (5/16") thick
 packing: 8 rolls à 50 m (164 ft)
 = 400 m (1,312 ft)/PE bag



article no. DFP

Expansion Joint Profile
 with adhesive tape
 length: 2 m (6 1/2 ft)
 packing: 50 pieces à 2 m (6 1/2 ft)
 = 100 m (325 ft)/carton



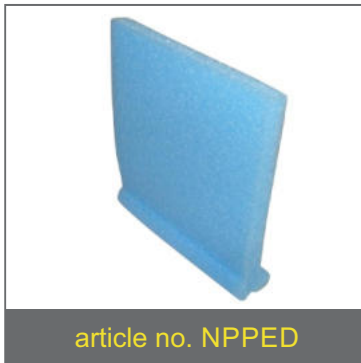
article no. SR24/300

Protective Sleeve
 for tubes with an OD 18 mm (5/8")
 outside OD: 24 mm (1")
 length: 300 mm (12")
 packing: 50 pieces/carton



article no. SR28/300

Protective Sleeve
 for tubes with an OD 22 mm (3/4")
 outside OD: 28 mm (1 1/8")
 length: 300 mm (12")
 packing: 50 pieces/carton



Expansion Joint Plate for snap-in panels
 130 mm (5 1/8") high, 10 mm (3/8") thick
 foot: 24 mm (15/16") thick
 length: 2 m (6 1/2 ft)
 packing: 25 pieces à 2 m = 50 m/carton



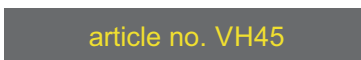
color: black
 packing: 1 set of 100 pieces/carton
 incl. 1 Plopfix-Setter PFS



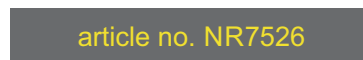
Manifold Holder
 for manifolds OD
 29 - 35 mm (1" - 1 1/2")
 with small retaining clips
 offset: 27 mm (1 1/16")
 packing: 10 pairs/carton



for fixing heating tubes into snap-in panels
 distance between fixing points: 50 mm (2")
 packing: 100 pieces/bag
 5,000 pieces/carton



Manifold Holder
 for manifolds OD
 29 - 35 mm (1" - 1 1/2")
 with small retaining clips
 offset: 45 mm (1 3/4")
 packing: 10 pairs/carton



for fixing heating tubes into snap-in panels
 distance between fixing points: 75 mm (3")
 packing: 100 pieces/bag
 1,000 pieces/carton



fastening of Winkler U-Rails on insulation
 (mounting tool available)
 packing: 500 pieces/carton

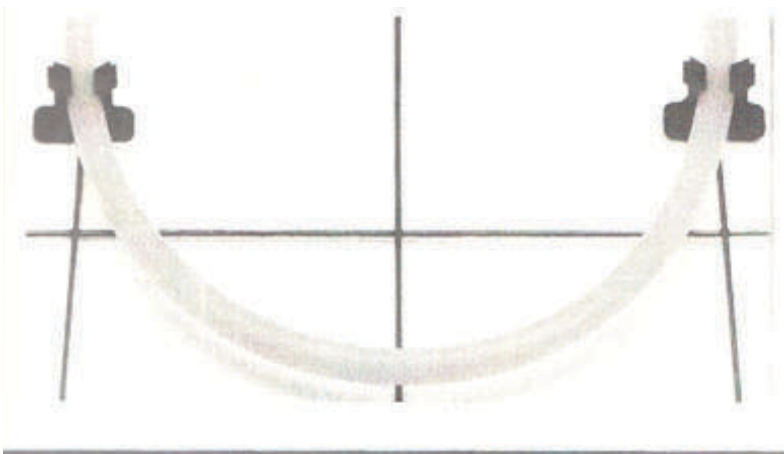
Tube installation possibilities



installation with mounting rail



installation with staple system



installation on wire mesh

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