

Tender specification:

“Copipe HSC” PE-RT/AL/PE-RT composition pipe

for surface heating and cooling systems as well as heating and sanitary installations.

The pipes and fittings dimension 16 and above are tested and registered under DVGW DW-8501AT 2407.

Oxygen tight three-layered composition pipe:

- inner layer made of PE-RT
- aluminium pipe welded end to end
- outer coating made of PE-RT

bonded by adhesive layers

Technical data:

Max. operating pressure p_s : 10 bar at 70 °C
6 bar at 90 °C

Bending radius, freely bended: 5 x outer pipe diameter (up to dimension 26)

Composition pipe “Copipe HSC” on rolls					
Item no.:	Dim.	Length per roll	Core Ø of roll	Outer Ø of roll	Height of roll
1541054	14 x 2	50 m	400 mm	530 mm	125 mm
1540154	14 x 2	100 m	400 mm	627 mm	125 mm
1540254	14 x 2	200 m	400 mm	700 mm	182 mm
1541055	16 x 2	50 m	400 mm	562 mm	125 mm
1540155	16 x 2	100 m	400 mm	692 mm	125 mm
1540255	16 x 2	200 m	400 mm	735 mm	182 mm
1540555	16 x 2	500 m	400 mm	900 mm	300 mm
1540160	20 x 2.5	100 m	400 mm	683 mm	182 mm
1540260	20 x 2.5	200 m	400 mm	800 mm	250 mm
1541060	20 x 2.5	50 m	400 mm	660 mm	125 mm
1541066	26 x 3	50 m	500 mm	780 mm	182 mm
1541072	32 x 3	50 m	500 mm	700 mm	260 mm

Rods of composition pipe “Copipe HSC”			
Item no.:	Dim.	Length of rod	Packing unit
1541555	16 x 2	5 m	12 rods
1541560	20 x 2.5	5 m	10 rods
1541566	26 x 3	5 m	9 rods
1541572	32 x 3	5 m	6 rods
1541584	40 x 3.5	5 m	4 rods

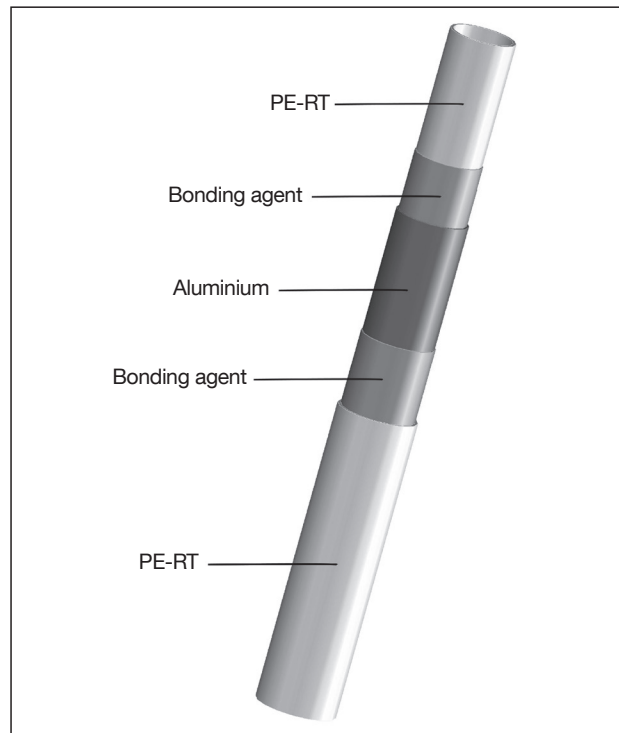
Pipe dimensions for press connection system (outer diameter x wall thickness): 16 x 2 mm, 20 x 2.5 mm, 26 x 3 mm, 32 x 3 mm, 40 x 3.5

Pipe dimensions for screwed connection system (outer diameter x wall thickness): 14 x 2 mm, 16 x 2 mm, 20 x 2.5 mm, 26 x 3 mm, 32 x 3 mm

16 x 2 mm and 20 x 2.5 mm also available with 4 mm, 6 mm or 9 mm insulation layer; meet the requirements of DIN 1988 for the protection of potable water installations (cold) against warming up and condensation. The pipe with 9 mm insulation layer fulfils the insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.

Subject to technical modifications without notice.

Product range 2
ti 275-EN/20/MW
Edition 2017



“Copipe HSC” PE-RT/AL/PE-RT

Composition pipe “Copipe HSC” on rolls with 4 mm insulation		
Item no.:	Dim.	Length per roll
1541155	16 x 2	50 m
1541160	20 x 2.5	50 m
Composition pipe “Copipe HSC” on rolls with 6 mm insulation		
Item no.:	Dim.	Length per roll
1541355	16 x 2	50 m
1541360	20 x 2.5	50 m
Composition pipe “Copipe HSC” on rolls with 9 mm insulation		
Item no.:	Dim.	Length per roll
1541455	16 x 2	50 m
1541460	20 x 2.5	50 m

14 x 2 mm, 16 x 2 and 20 x 2.5 mm also available within black, corrugated protective tube; offers additional protection against damage, UV rays and condensation.

Composition pipe “Copipe HSC” on rolls within protective tube (corrugated tube)		
Item no.:	Dim.	Length per roll
1541254	14 x 2	50 m
1541255	16 x 2	50 m
1541260	20 x 2.5	50 m

Tender specification:
“Copipe HS” PE-Xc/AL/PE-Xb composition pipe

for surface heating and cooling systems as well as heating and sanitary installations.

The pipes and fittings are tested and registered under DVGW DW-8501AT2407.

Oxygen tight three-layered composition pipe:

- inner layer made of crosslinked polyethylene (PE-Xc / dimensions 50 and 63 PE-Xb)
- aluminium pipe welded end to end
- outer layer made of crosslinked polyethylene (PE-Xb)

bonded by special layers

Technical data:

Max. operating pressure p_s : 10 bar at 95 °C
16 bar (PN 16) for cold water

Bending radius, freely bended: 5 x outer diameter (up to dimension 26)

Composition pipe “Copipe HS” on rolls					
Item no.:	Dim.	Length per roll	Core Ø of roll	Outer Ø of roll	Height of roll
1501054	14 x 2	50 m	510 mm	780 mm	90 mm
1500154	14 x 2	100 m	510 mm	780 mm	90 mm
1500254	14 x 2	200 m	510 mm	780 mm	190 mm
1501055	16 x 2	50 m	570 mm	780 mm	90 mm
1500155	16 x 2	100 m	450 mm	780 mm	90 mm
1500255	16 x 2	200 m	450 mm	780 mm	200 mm
1500555	16 x 2	500 m	440 mm	950 mm	250 mm
1500158	18 x 2	100 m	560 mm	780 mm	160 mm
1500160	20 x 2.5	100 m	480 mm	780 mm	190 mm
1501060	20 x 2.5	50 m	500 mm	780 mm	90 mm
1501066	26 x 3	50 m	1000 mm	1190 mm	230 mm
1501072	32 x 3	50 m	1000 mm	1120 mm	300 mm

Rods of composition pipe “Copipe HS”			
Item no.:	Dim.	Length of rod	Packing unit
1501555	16 x 2	5 m	20 rods
1501560	20 x 2.5	5 m	13 rods
1501566	26 x 3	5 m	7 rods
1501572	32 x 3	5 m	5 rods
1501580	40 x 3.5	5 m	9 rods
1501582	50 x 4.5	5 m	4 rods
1501584	63 x 6.0	5 m	3 rods

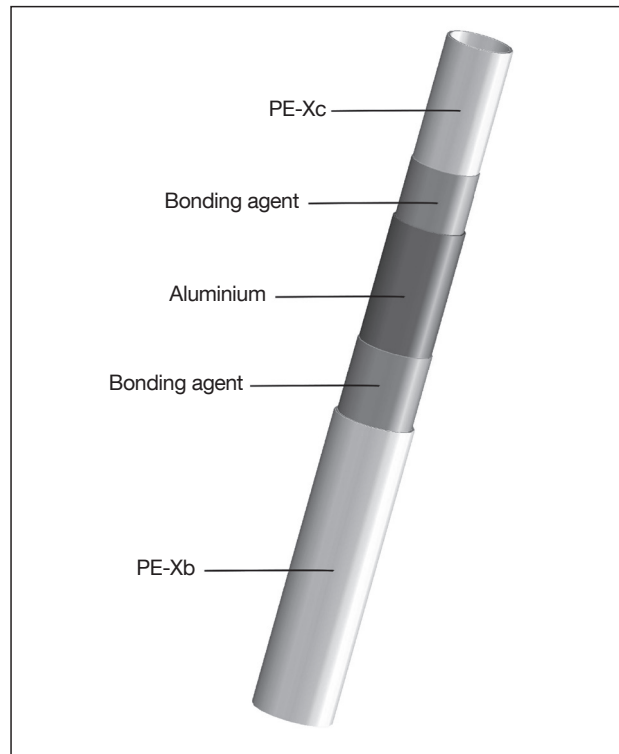
Pipe dimensions for press connection system (outer diameter x wall thickness): 16 x 2 mm, 20 x 2.5 mm, 26 x 3 mm, 32 x 3 mm, 40 x 3.5 mm, 50 x 4.5 mm, 63 x 6 mm

Pipe dimensions for screwed connection system (outer diameter x wall thickness): 14 x 2 mm, 16 x 2 mm, 18 x 2 mm, 20 x 2.5 mm, 26 x 3 mm, 32 x 3 mm

16 x 2 mm and 20 x 2.5 mm also available with 4 mm, 6 mm or 9 mm insulation layer; meet the requirements of DIN 1988 for the protection of potable water installations (cold) against warming up and condensation. The pipe with 9 mm insulation layer fulfils the insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.

Subject to technical modifications without notice.

Product range 2
ti 274-EN/20/MW
Edition 2017



“Copipe HS” PE-Xc/AL/PE-Xb

Composition pipe “Copipe HS” on rolls with 4 mm insulation		
Item no.:	Dim.	Length per roll
1501155	16 x 2	50 m
1501160	20 x 2.5	50 m
Composition pipe “Copipe HS” on rolls with 6 mm insulation		
Item no.:	Dim.	Length per roll
1501355	16 x 2	50 m
1501360	20 x 2.5	50 m
Composition pipe “Copipe HS” on rolls with 9 mm insulation		
Item no.:	Dim.	Length per roll
1501455	16 x 2	50 m
1501460	20 x 2.5	50 m

14 x 2 mm, 16 x 2 and 20 x 2.5 mm also available within black, corrugated protective tube; offers additional protection against damage, UV rays and condensation.

Composition pipe “Copipe HS” on rolls within protective tube (corrugated tube)		
Item no.:	Dim.	Length per roll
1501254	14 x 2	50 m
1501255	16 x 2	50 m
1501260	20 x 2.5	50 m