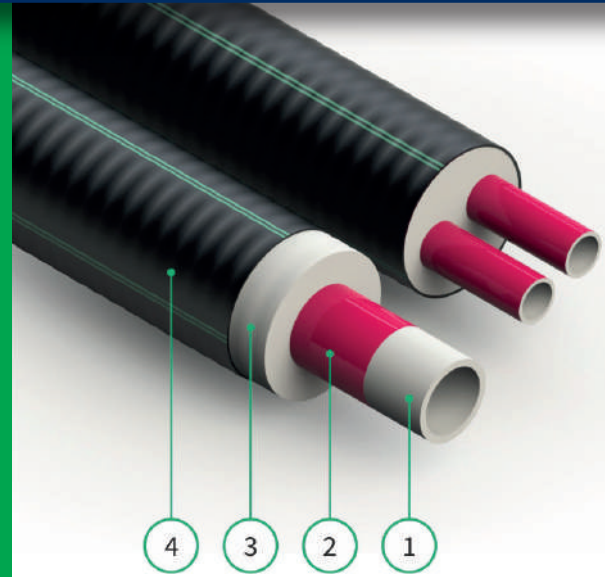


Pre-insulated, flexible pipe system with polyethylene service pipes, and PUR thermal insulation.

The advantages of HeatFlex include quick installation, narrow pipe trenches, tight bending radii and the twin pipe system. The highly efficient pipe system also impresses with an excellent thermal conductivity value of 0.021 W / mK.

For a further reduction in heat loss, a second insulation series with higher insulation is now available.



1. PE-Xa service pipe 2. Oxygen diffusion barrier
3. Flexible Polyurethane-Foam (PUR) 4. Casing

Type	Dimension	Casing	Max. Coil length	Weight/Meter	Bending-radius
UNO/IS1	[mm]	[mm]	[m]	kg	r in m
25/76	25x2.3	76	770	0.90	0.70
32/76	32x2.9	76	770	1.00	0.70
40/91	40x3.7	91	570	1.39	0.90
50/111	50x4.6	111	410	1.97	0.90
63/126	63x5.8	126	300	2.60	1.00
75/142	75x6.8	142	220	2.39	1.10
90/162	90x8.2	162	150	4.56	1.20
110/162	110x10.0	162	150	5.10	1.20
125/182	125x11.4	182	86	6.37	1.30
UNO/IS2	[mm]	[mm]	[m]	kg	r in m
25/91	25x2.3	91	570	1.22	0.90
32/91	32x2.9	91	570	1.30	0.90
40/111	40x3.7	111	410	1.80	0.90
50/126	50x4.6	126	300	2.32	1.00
63/142	63x5.8	142	220	3.00	1.10
75/162	75x6.8	162	150	3.85	1.20
90/182	90x8.2	182	86	4.90	1.30
110/182	110x10.0	182	86	5.69	1.30
125/202	125x11.4	202	80	6.93	1.40
DUO/IS1	[mm]	[mm]	[m]	kg	r in m
25+25/91	25+25x2.3	91	570	1.34	0.90
32+32/111	32+32x2.9	111	410	1.87	0.90
40+40/126	40+40x3.7	126	300	2.48	1.00
50+50/162	50+50x4.6	162	150	3.96	1.20
63+63/182	63+63x5.8	182	86	5.28	1.30
75+75/202	75+75x6.8	202	80	6.27	1.40
DUO/IS2	[mm]	[mm]	[m]	kg	r in m
25+25/111	25+25x2.3	111	410	1.73	0.90
32+32/126	32+32x2.9	126	300	2.23	1.00
40+40/142	40+40x3.7	142	220	2.85	1.10
50+50/182	50+50x4.6	182	86	4.31	1.30
63+63/202	63+63x5.8	202	80	5.61	1.40
75+75/225	75+75x6.8	225	75	6.87	1.60

The specified maximum Coil lengths refer to the standard maxi-coil dimensions of (height x width) 2950x1200 mm.

Technical data:

Max. continuous operating temperature: +80°C

Max. operating temperature: +95°C (variable*)

Thermal conductivity: 0.021 W/mK

Operating pressure: 6 bar/80°C

Service pipe: PE-Xa

Thermal insulation: PUR, CFC-free cyclopentane-based

Casing: corrugated PE-LLD

Pipe systems according to EN 15632-2 are designed for a service life of at least 30 years with the following temperature profile:

*29 years at 80°C + 1 year at 90°C + 100h at 95°C

or

Winter heating season 85°C + Summer heating season 75°C

Other temp./time profiles are applicable according to ISO 13760 (Miners rule).

The maximum operating temperature must not exceed 95°C.