



MICROFLEX® DUO

Double flexible, pre-insulated, self-compensating, underground pipe. Especially suitable for hot and cold potable water, but also for wastewater and other fluids.

Corrosion-resistant transport pipe in cross-linked PE-Xa in accordance with DIN 16892/16893. Thermal, elastic, CFC-free foam insulation made from cross-linked PE-X with closed microcellular structure. Minimal water absorption capacity of < 1% in accordance with DIN 53428. Insulating PE-X centrepiece guarantees an effective separation of sanitary hot water pipe and pipe for circulation loop. Corrugated outside casing in HDPE, made in accordance with the closed chamber principle to provide high-grade protection to the piping system.

- Max operating pressure: 10 bar
- Max fluid temperature: + 95°C
- PE-Xa pipes: SDR 7.4
- Standard full coil length: 100 m

**Specific combinations?
Please contact us.**

PIPES

Art. No.	PE-Xa d _{out} / s	PE-Xa d _{in}	Outside casing d _{out}	Weight kg/m	Bending radius (1)
MD16025 S	2 x 25/3,5	20	160	2,35	0,50
MD1603225 S	1 x 32/4,4 1 x 25/3,5	25 20	160	2,50	0,50
MD1604025 S	1 x 40/5,5 1 x 25/3,5	32 20	160	2,71	0,60
MD1605025 S	1 x 50/6,9 1 x 25/3,5	40 20	160	2,89	0,60
MD1605032 S	1 x 50/6,9 1 x 32/4,4	40 25	160	3,04	0,60

(1) Applicable practical values without risk of pipe distortion or damage.

COUPLINGS



Microflex PE-X coupling	Thread
Art. No.	inch
MJ3413425/35(*) (N)	3/4" M
MJ3414432/44	1" M
MJ3413425/35 (N)	3/4" M
MJ3415440/55	1 1/4" M
MJ3413425/35 (N)	3/4" M
MJ3416450/69 (N)	1 1/2" M
MJ3413425/35 (N)	3/4" M
MJ3416450/69 (N)	1 1/2" M
MJ3414432/44	1" M

(*) Provide for this reference twice.
(New) For availability, see p. 23.

ACCESSORIES



Dust cap MS



Shrink cap MK



Fix point MFP

Fix points must be installed to absorb the possible effects of thermal expansion / shrinkage of the PE-Xa transport pipes.



Art. No.	Art. No.	Art. No.	Art. No.	Thread
MD16025 S	MSD16025	MK3350-01	MFP34 (*)	3/4" M
MD1603225 S	MSD1603225	MK3350-01	MFP44	1" M
MD1604025 S	MSD1604025	MK3350-02	MFP34	3/4" M
MD1605025 S	MSD1605025	MK3360-01	MFP54	1 1/4" M
MD1605032 S	MSD1605032	MK3350-03	MFP34	3/4" M
			MFP64	1 1/2" M
			MFP34	3/4" M
			MFP64	1 1/2" M
			MFP44	1" M

(*) Provide for this reference twice.