

CENTRAL HEATING



Single Heating Pipe

Single flexible, pre-insulated, self-compensating, underground pipe. Especially suitable for heating water, but also for (hot) potable water, wastewater and other fluids.

Corrosion-resistant transport pipe in cross-linked PE-Xa in accordance with DIN 16892/16893, with yellow oxygen diffusion barrier in accordance with DIN 4726. 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. 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: 6 bar
- Max fluid temperature: + 95°C
- PE-Xa pipes: SDR 11
- 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)	Heat emission (2)
Art. No.	mm	DN	mm	kg/m	m	kW
M7525 C	25 / 2,3	20	75	0,68	0,20	~30
M9032 C	32 / 2,9	25	90	1,00	0,25	~60
M16040 C	40 / 3,7	32	160	2,32	0,35	~90
M16050 C	50 / 4,6	40	160	2,48	0,45	~140
M16063 C	63 / 5,8	50	160	2,78	0,55	~220
M20075 C	75 / 6,8	65	200	4,16	0,80	~330
M20090 C	90 / 8,2	75	200	4,73	1,10	~480
M200110 C	110 / 10,0	90	200	5,64	1,20	~700

- (1) Applicable practical values without risk of pipe distortion or damage.
(2) Average heat emission in kW at T_{water} of 80°C and ΔT of 20°C.

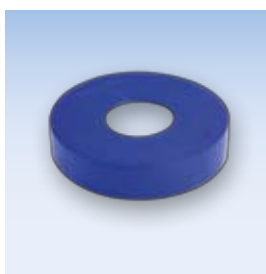
COUPLINGS



Microflex PE-X coupling	Thread
Art. No.	inch
MJ3413425/23 (N)	3/4" M
MJ3414432/29	1" M
MJ3415440/37	1 1/4" M
MJ3416450/46 (N)	1 1/2" M
MJ341263/58	2" M
MJ34121275/68 (N)	2 1/2" M
MJ341390/82	3" M
MJ3414110/10 (N)	4" M

(New) For availability, see p. 21.

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
Art. No.	Art. No.	Art. No.	Art. No.	inch
M7525 C	MS7525	MK2000	MFP34	3/4" M
M9032 C	MS9032	MK2100	MFP44	1" M
M16040 C	MS16040	MK2340	MFP54	1 1/4" M
M16050 C	MS16050	MK2340	MFP64	1 1/2" M
M16063 C	MS16063	MK2500	MFP2	2" M
M20075 C	MS20075	MK2600	MFP212	2 1/2" M
M20090 C	MS20090	MK2600	MFP3	3" M
M200110 C	MS200110	MK2600	MFP4	4" M