

MICROFLEX® COOL

Single flexible pre-insulated, self-compensating, underground pipe. Suitable for cold potable water, cooling water and wastewater. Corrosion-resistant transport pipe in PE 100 in accordance with EN 12201. 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: 16 bar
- Max fluid temperature: -10°C ... +25°C
- PE pipes: SDR 11
- Standard full coil length: 100 m

**Specific combinations?
Please contact us.**

PIPES

	PE d _{out} / s	PE d _{in}	Outside casing d _{out}	Weight	Bending radius (1)
Art. No.	mm	DN	mm	kg/m	m
M9032 PE	32 / 2,9	25	90	1,00	0,25
M9040 PE	40 / 3,7	32	90	1,11	0,30
M12550 PE	50 / 4,6	40	125	1,92	0,40
M12563 PE	63 / 5,7	50	125	2,16	0,50
M16075 PE	75 / 6,8	65	160	3,20	0,75
M16090 PE	90 / 8,2	75	160	3,85	1,00
M200110 PE	110 / 10,0	90	200	5,74	1,20

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

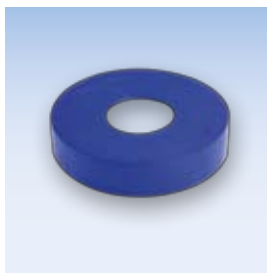
COUPLINGS



Microflex PE-X coupling	Thread
Art. No.	inch
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



Plastic couplings MPP

Art. No.	Art. No.	Art. No.	PE d _{out} / s	PE d _{out} x d _{out}
Art. No.	Art. No.	Art. No.	mm	mm
M9032 PE	MS9032	MK2100	MPP27032/29	32 x 32
M9040 PE	MS9040	MK2100	MPP27040/37	40 x 40
M12550 PE	MS12550	MK2200	MPP27050/46	50 x 50
M12563 PE	MS12563	MK2400	MPP27063/57	63 x 63
M16075 PE	MS16075	MK2500	MPP27075/68	75 x 75
M16090 PE	MS16090	MK2500	MPP27090/82	90 x 90
M200110 PE	MS200110	MK2600	MPP270110/10	110 x 110