



## Dual Cold Potable Water Pipe

Double 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. Insulating PE-X centrepiece guarantees an effective separation of flow and return pipes. 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

| Art. No.          | PE<br>d <sub>out</sub> / s | PE<br>d <sub>in</sub> | Outside casing<br>d <sub>out</sub> | Weight | Bending radius<br>(1) |
|-------------------|----------------------------|-----------------------|------------------------------------|--------|-----------------------|
| Art. No.          | mm                         | DN                    | mm                                 | kg/m   | m                     |
| <b>MD12532 PE</b> | 32 / 2,9                   | 25                    | 125                                | 1,82   | 0,30                  |
| <b>MD16040 PE</b> | 40 / 3,7                   | 32                    | 160                                | 2,63   | 0,60                  |
| <b>MD16050 PE</b> | 50 / 4,6                   | 40                    | 160                                | 3,10   | 0,60                  |
| <b>MD20063 PE</b> | 63 / 5,8                   | 50                    | 200                                | 2,60   | 4,64                  |

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

### COUPLINGS



| Microflex PE-X coupling<br>(*) | Thread   |
|--------------------------------|----------|
| Art. No.                       | inch     |
| <b>MJ3414432/29</b>            | 1" M     |
| <b>MJ3415440/37</b>            | 1 1/4" M |
| <b>MJ3416450/46 (N)</b>        | 1 1/2" M |
| <b>MJ341263/58</b>             | 2" M     |

(\*) Two couplings are provided for the Duo pipes. (New) For availability, see p. 21.

### ACCESSORIES



Dust cap MS



Shrink cap MK



Plastic couplings MPP

| Art. No.          |
|-------------------|
| <b>MD12532 PE</b> |
| <b>MD16040 PE</b> |
| <b>MD16050 PE</b> |
| <b>MD20063 PE</b> |

| Art. No.        |
|-----------------|
| <b>MSD12532</b> |
| <b>MSD16040</b> |
| <b>MSD16050</b> |
| <b>MSD20063</b> |

| Art. No.         |
|------------------|
| <b>MK3280</b>    |
| <b>MK3350-02</b> |
| <b>MK3350-03</b> |
| <b>MK3350-05</b> |

| Art. No.           | PE<br>d <sub>out</sub> / s | PE<br>d <sub>out</sub> x d <sub>out</sub> |
|--------------------|----------------------------|---|
| Art. No.           | mm                         | mm  |
| <b>MPP27032/29</b> | 32 / 2,9                   | 32 x 32                                   |
| <b>MPP27040/37</b> | 40 / 3,7                   | 40 x 40                                   |
| <b>MPP27050/46</b> | 50 / 4,6                   | 50 x 50                                   |
| <b>MPP27063/57</b> | 63 / 5,7                   | 63 x 63                                   |