

Preinsulation Service

Pre-insulation of PEX pipes with Thermaflex® insulation

Ready to use, flexible PEX water installation for versatile application, insulated with high quality PE foam, with closed cell structure

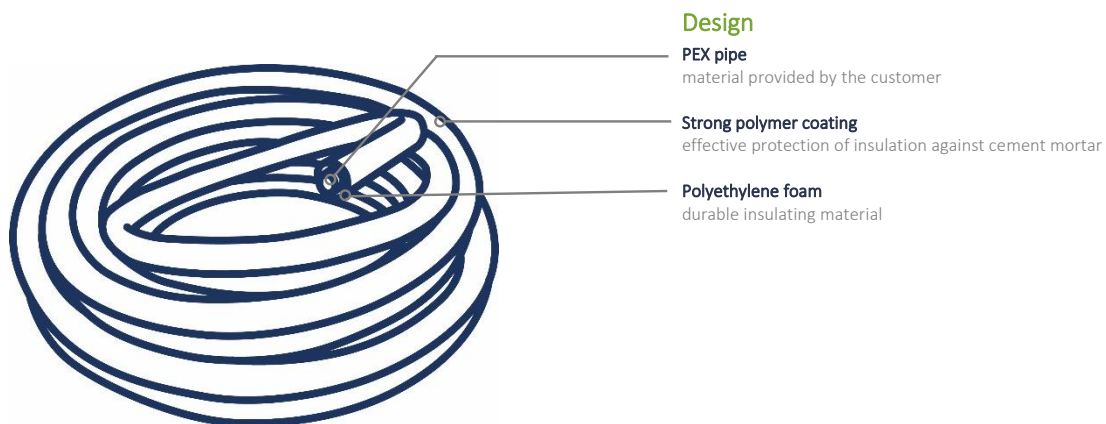


Benefits

- Easy and quick assembly guaranteed due to low weight and high flexibility of the system
- Save time and labor during assembly
- Failure-free operation of the installation, effective protection against energy losses
- High temperature resistance
- Constant insulation performance - strong polyethylene coating to protect proper insulation and durable insulation material

Applications

- Central heating installations, hot and cold water





Technical Properties of insulation

| Properties | Units SI | Values | Testing method |
|--|-------------------|--|----------------|
| Physical properties of insulation | | | |
| Insulation tolerances | - | Coherent | EN 14313 |
| Density of foam | kg/m ³ | 18-40 | - |
| Structure of the foam | - | Fine, closed cells | - |
| Color of the insulation | - | Foam: grey Skin: red/blue/grey | - |
| Thermal properties of insulation | | | |
| Max. insulation operating temperature | °C | +95 | EN 14707 |
| Thermal conductivity of the insulation (λ) | W/m·K | 0.038 @ 20°C 0.039 @ 30°C 0.040 @ 40°C 0.041 @ 50°C | EN 13787 |
| Fire properties of insulation | | | |
| SBI classification (insulation) | - | E _L | EN 13501-1 |
| Water resistance properties | | | |
| Water absorption (foam) | kg/m ² | 0.05 | EN 13472 |

Availability

- Standard length of the finished product from 25 - 100 m (depending on the size)
- Type of insulation: ThermaCompact IS, wall thickness 6, 9 mm
- Version: plain or knurled, in blue, red or gray
- Finished product rolled in coil, packed in stretch foil

| Working pipe sizes and insulation tolerance | | | |
|---|--------------------------------|--------------|------------|
| PEX working tube Ø max. [mm] | Insulation wall thickness [mm] | | Length [m] |
| | 6 (5.0-7.0) | 9 (8.0-10.0) | |
| 16x2,0 | 16,0-18,0 | 16,0-18,0 | 50, 100 |
| 20x2,0 | 20,0-22,0 | 20,0-22,0 | 50, 100 |
| 25x2,5 | 25,0-27,0 | 25,0-27,0 | 25, 50 |
| 26x3,0 | 26,0-28,0 | 26,0-28,0 | 25, 50 |
| 32x3,0 | 32,0-34,0 | 32,0-34,0 | 25, 50 |

* minimum order to be agreed