# PE-RT & PEX & Oxygen Pipe



## KEY FEATURES:

- Rapid & Uniform Heating
- High Compressive Strength
- Thermal & Acoustic Insulation
- Precision Pre-grooved Design
- Waterproof & Anti-aging Core

| Item | Standard | Value |
|---|---|---|
| Product Type | Manufacturer Spec | EVOH Barrier Underfloor Heating Pipe (PEX / PE-RT) |
| Material Grade | EN ISO 15875 / ISO 22391 | High-Density PEX-a / PEX-b / PE-RT Type II |
| Standard Diameters (DN) | EN ISO 15875-2 | DN16 (16×2.0 mm) & DN20 (20×2.0 mm) |
| Oxygen Barrier Layer | DIN 4726 | EVOH Co-extruded Layer (< 0.1 g/m²·d) |
| Nominal Pressure (PN) | EN ISO 15875 | Class 4 / 6 bar (Max working pressure 6 - 10 bar) |
| Max Operating Temperature | EN 1264 | +70°C (Short-term peak up to +90°C) |
| Thermal Conductivity | EN ISO 10456 | 0.38 W/(m·K) |
| Internal Roughness | DIN 8077 / 8078 | 0.007 mm (Anti-scaling smooth surface) |
| Minimum Bending Radius | Manufacturer Spec | 5 × OD (Easy and flexible manual layout) |
| Standard Coil Length | Manufacturer Spec | 100 m / 200 m / 500 m per coil (Customizable) |




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