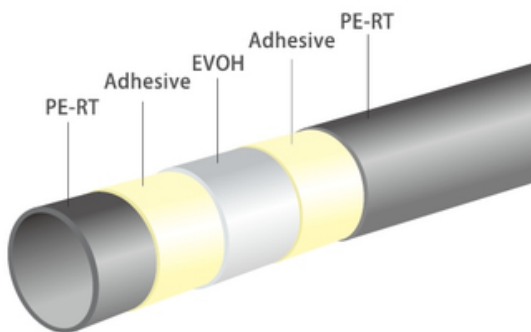


Calda FlexCore 5

Advanced 5-Layer PE-RT Pipe

FlexCore 5 is a premium, high-performance underfloor heating pipe designed for maximum efficiency, durability, and ease of installation. Its 5-layer construction, featuring an inner PE-RT core and an EVOH oxygen barrier, ensures reliable and long-lasting performance for both screeded and overlay systems.



Specifications

Operating Pressure/Temperature:

- 8 bar at 60°C
- 8 bar at 80°C
- 6 bar at 95°C

Thermal Properties:

- Thermal Conductivity: 0.35 W/m°C
- Thermal Expansion Coefficient: 1.8×10^{-4} m/m°C

Mechanical Properties:

- Pipe Roughness: 0.007mm
- Bending Radius: 5 x D (80mm for 16mm pipe)
- Water Capacity: 0.12 l/m for 16mm diameter

Why Choose FlexCore 5?

- **Advanced 5-Layer Design:** Engineered for exceptional durability and resistance to wear.
- **EVOH Oxygen Barrier:** Prevents oxygen ingress, protecting your heating system from corrosion.
- **Flexibility and Ease of Use:** Lightweight and highly flexible for fast, hassle-free installation.
- **Versatile Compatibility:** Perfect for all underfloor heating projects, with a 16mm outer diameter.
- **Certified Quality:** Conforms to ISO 9001 and ISO 22391 standards for peace of mind.
- **Lifetime Warranty:** Ensuring confidence in long-term performance.