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Tekwarm Split Conduit

Tekwarm Spiral Conduit is a flexible polypropylene (PP) protective sleeve designed for underfloor heating (UFH) pipework. It is used to sleeve pipework from the manifold down to floor level, and to provide a practical form of “lagging” and protection where flow/return pipework runs to its installation location prior to entering the heated floor zone.

Typical uses

- **Sleeving UFH pipework from manifold to floor, protecting the pipe at the change of direction and through voids/walls.**
- **Protecting flow/return runs to the point of installation, reducing risk of abrasion and site damage.**
- **Enabling pipe movement and improving serviceability by allowing the UFH pipe to be withdrawn/replaced (subject to installation method and routing).**

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Key functions

- **Mechanical protection:** Helps prevent damage from impact, abrasion, and sharp edges during install and within the floor build-up.
- **Thermal separation:** Assists in reducing unwanted heat dispersion from supply runs outside the active heated area (acts as a practical lagging sleeve).
- **Service sleeve:** Creates a slip layer to support expansion/contraction and facilitate potential pipe replacement.

Technical data

- **Colour:** Black
- **Material:** Polypropylene (standard)
- **Nominal size:** 25mm conduit
- **Inner diameter:** 21.8mm
- **Outer diameter:** 25.5mm
- **Weight:** 0.044 kg/m
- **UFH compatibility:** Suitable for UFH pipes up to 16mm (typical), installed in screed applications.

Installation note

Ensure the conduit is continuous and correctly routed with no crushing or tight kinks, particularly at manifold exits and transitions, to maintain a clear sleeve path for the UFH pipe.

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