

Data Sheet

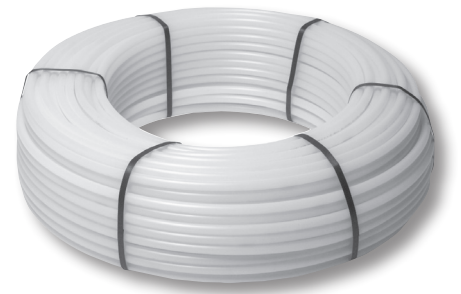
FH 1-layer PE-RT pipes

Application

The Danfoss FH 1-layer PE-RT pipe is a high quality 1-layer floor heating pipe made from PE-RT type 1 without an EVOH oxygen barrier.

The octen side chains of the molecular structure of the PE-RT give it a similar effect to that of the linked PE. The PE-RT material is a highly flexible material that makes installation easy and comfortable.

The unlinked polyethylene with its Raised Temperature resistance (PE-RT) is used, in accordance with standard GB/T 28799-2012.



Ordering

Product	Type	Size	Length	Order Number
FH 1-layer PE-RT pipe	FH-CPD	16 × 2,00 mm	500 m	088X0801
FH 1-layer PE-RT pipe	FH-CPF	20 × 2,30 mm	500 m	088X0805
FH 1-layer PE-RT pipe	FH-CPO	20 × 2,20 mm	300 m	088X0806

Accessories

Product	Size	Order Number
Compression fitting for manifold	16 × 2,00 mm	013G4156
Compression fitting for manifold	20 × 2,25 mm	013G4093
Compression fitting for manifold	20 × 2,00 mm	013G4160
Screw coupling	16 × 2,00 mm	088X0025
Screw coupling	20 × 2,25 mm	088X0026
Screw coupling	20 × 2,00 mm	088X0027

Technical data

Materials	PE-RT (type 1)
Max. working pressure	8 bar
Test pressure	12 bar
Max. flow temperature (short term)	100 °C
Max. working temperature	60 °C

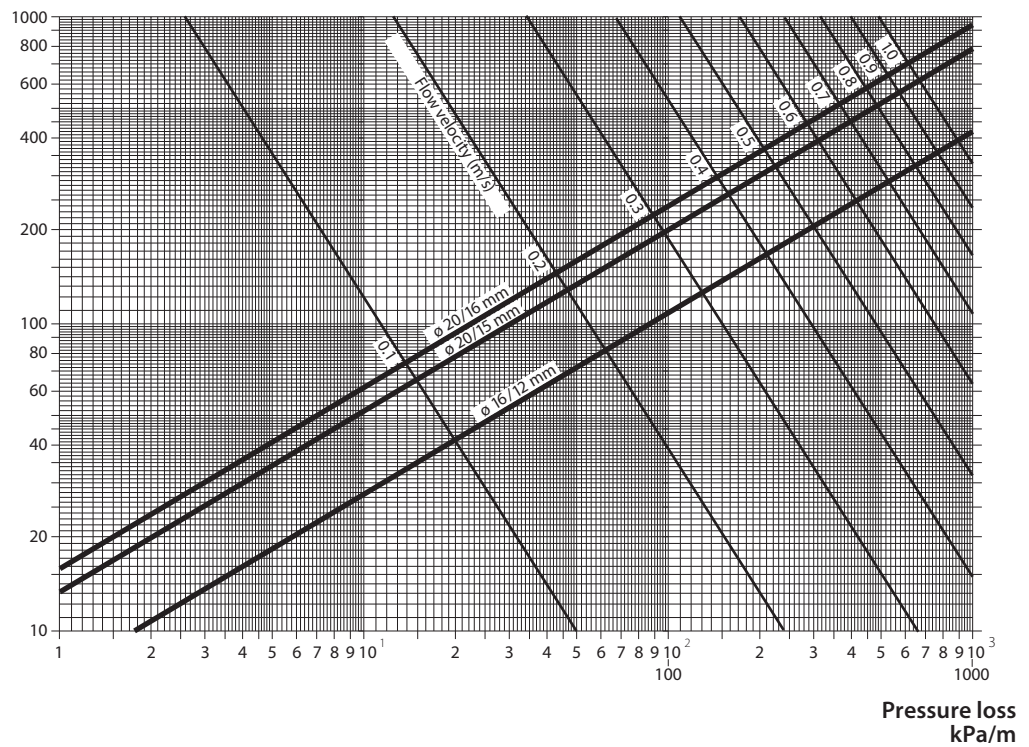
Minimum bending radius with bending springs

Pipe dimension [mm]	Manual pipe bender radius [mm]
16	80 (5 × Od)
20	100 (5 × Od)

Od = Outside diameter

Pressure loss

Mass flow, kg/h



Water temperature: 40 °C.

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Heating Segment • danfoss.com • +45 7488 2222 • E-Mail: heating@danfoss.com

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