

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 x 2,00 mm	500 m	088X0801
FH 1-layer PE-RT pipe	FH-CPF	20 x 2,30 mm	500 m	088X0805
FH 1-layer PE-RT pipe	FH-CPO	20 x 2,20 mm	300 m	088X0806

Accessories

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

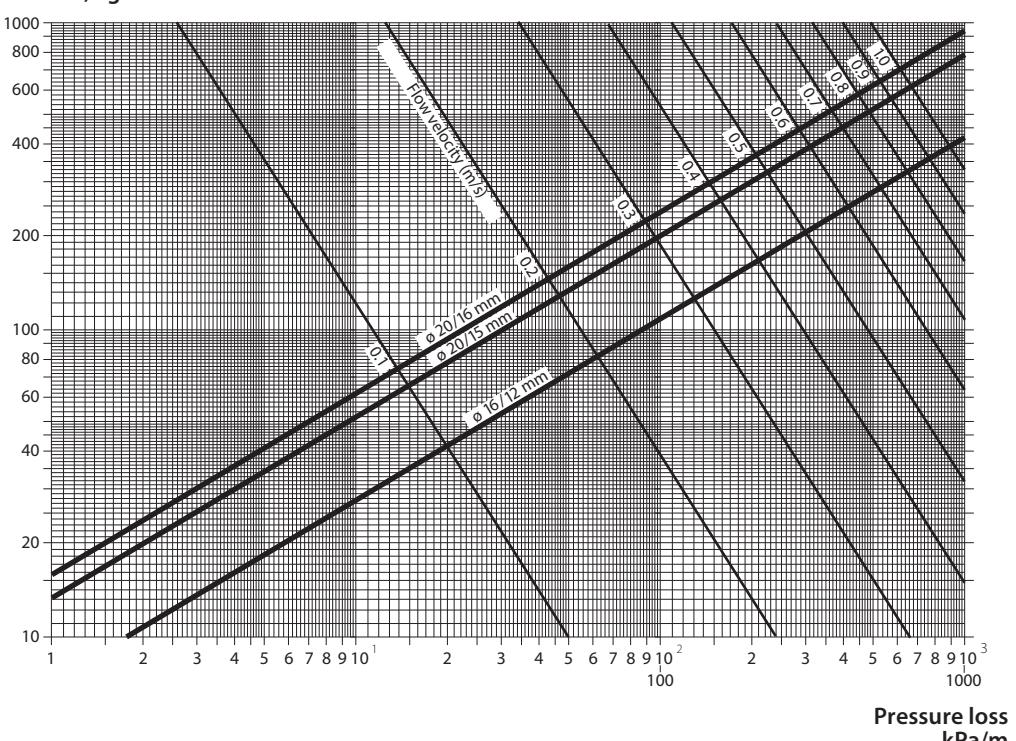
Technical data

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 x Od)
20	100 (5 x Od)

Od = Outside diameter

Pressure loss**Mass flow, kg/h**

Water temperature: 40 °C.

Danfoss A/SHeating Segment • danfoss.com • +45 7488 2222 • E-Mail: heating@danfoss.com

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequent changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and all Danfoss logotypes are trademarks of Danfoss A/S. All rights reserved.