UK_DS_9916

FibreFlow™

Blown Fibre Push-Fit Connectors



Product Description

Details of the common push-fit straight connector, end cap, size-change connector. In sizes to match the microduct (m/d) diameters, the fittings are pushed onto a clean-cut m/d end and make a seal with internal O-rings. If the m/d is pulled away from the connector, internal teeth and a tapered body cause the tube to be gripped tighter. Removal of the m/d is achieved by pressing the collet inwards. Emtelle manuals explain more on connector features and use.

Material

BODY: acetal copolymer, impact resistant. some are transparent.

COLLET: acetal copolymer, stainless steel teeth

O-RINGS: nitrile rubber

Connector Range (all mm dimensions unless otherwise stated)



(photos of typical connectors are shown)

Straight Connectors Tube OD/ID	Code
3mm	9916
4mm	9917
5/3.5mm	9918
5/2.1mm	7823
6mm	7310
6.3mm (1/4")	7930
7/5.5mm	9919
7/3.5mm	70193
8/6mm	9920
8/3.5mm	9772
10/8mm	9921
12/10mm	9922
14/10mm	9923
14/12mm	9821
16/12 or 16/13	9924

End Caps	Code
3mm	9932
4mm	9933
5mm	9934
6mm	9975
7mm	9935
8mm	9936
10mm	9937
12mm	9938
14mm	9939
16mm	70153

Reducer Connectors	Code
5 - 3	9925
5/2.1 – 3/2.1	9926
5 – 4	71650
6 - 4	70294
6.3 - 5 (3/16")	9502
7 - 3	70407
7 - 4	70764
7 – 4 (3.5 bore)	72059
7 - 5	70031
8/3.5 - 3	70117
8 - 5	9927
8 - 6	73776
8 - 7	72024
10 - 5	70032
10 - 6	71048
10 - 7	70033
10 - 8	9928
12 - 5	70034
12 - 7	9929
12 - 10	9930
14 - 7	75592
14 - 10	70035
14 - 12	9931
16 - 10	75544
16 - 12	70036
18 - 16	75529

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Performance

Blowing Pressure: Between temperatures of -10°C and +40°C, all listed connector sizes can be used for blowing operations at pressures up to 16bar.
Between +40°C and +65°C, blowing pressures for 10mm and larger should not exceed 10bar.

Gas Tightness

Leakage at 8 bar gas pressure:	1ml/minute approx.
Leakage at 0.7 bar gas pressure:	0.01ml/minute approx.

Water Ingress: The connectors shall seal against a 6m head of water.

Insertion force: 50N max (5kg)

Retention force: (collet not held in)

25N min (3mm m/d)	125N min (8mm m/d)
55N min (5mm m/d)	125N min (10mm m/d)

Product Code	Description
71051	Locking Clip 7/8mm (x100)
71350	Rubber Stop 3.5/0.8 Split (x500)

End of Specification

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