

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.

All products are supplied in bags of 50.

Material

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

COLLET: acetal copolymer, stainless steel teeth

O-RINGS: nitrile rubber

Range

Straight Connectors Tube OD/ID	Code
3mm	78062
4mm	TBC
5/3.5mm	78061
6mm	TBC
7/3.5mm	78040
7/5.5mm	79022
8/5mm	78060
10/8mm	78059
12/10mm	79023
14/10mm	78058
16/12mm	78072
18/14mm	TBC
20/16mm	TBC

End Caps	Code
3mm	78067
4mm	TBC
5mm	78066
6mm	TBC
7mm	79024
8mm	78065
10mm	78064
12mm	79025
14mm	78063
16mm	78044
18mm	TBC
20mm	TBC

Reducer Connectors	Code
5-3mm	78071
7-3mm	78039
7-5mm	78047
8-5mm	78070
8-7mm	TBC
10-5mm	79060
10-7mm	78046
10-8mm	TBC
12-5mm	TBC
12-7mm	78069
12-10mm	78068
14-7mm	79033
14-10mm	78045
14-12mm	79059
16-10mm	TBC
16-12mm	79034
16-14mm	TBC

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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: 25N min (3mm m/d) 125N min (8mm m/d)

(collet not held in) 55N min (5mm m/d) 125N min (10mm m/d)

Packaging and Labelling

All products suitably packaged in recyclable materials and clearly labelled with Emtelle Product Code and Description where possible.

END OF SPECIFICATION