

UK\_DS\_78031

Page 1 of 2 Author: Morten Jensen Issue No: A Issue date: 01/01/2022



# Blown Fibre Push-Fit Connectors with Anti-shock Cover



### **Product Description**

This is a crush resistant Emtelle designed product combination, where a standard straight connector (photo) or end cap (noy shown) is pre-fitted with an outer cover to improve the physical protection and permit burial at a FTTH location. In addition to the pre-fitted version, the cover itself is also available for the installer to retrofit over the connector (RHS of below)

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
4/2.1mm	78035
5/2.1mm	78036
7/3.5mm	78041
7/4mm	78055
10/6mm	78054
10/8mm	78043
12/10mm	79026
14/10mm	78042
16/12mm	78053
18/14mm	TBC
20/16mm	TBC

End Caps	Code
4mm	78034
7mm	78051
8mm	78038
10mm	78050
12mm	78049
14mm	78048
16mm	78056
20mm	TBC

Reducer Connectors	Code
7-4mm	78033
10-7mm	78032
12-10mm	78031
14-7mm	79035
14-12mm	78057
16-14mm	78052

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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

Burst pressure exceeds 25bar.

Gas tightness: Leakage at 8bar gas pressure: 1ml/min approx.

Leakage at 0.7bar gas pressure: 0.01ml/min approx.

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

Crush test (IEC-60794-1-2-E3) Assembly suffers no damage, and both cover and connector are fully functional

after over 3000N direct crush load (300kg)

Impact test(IEC-60794-1-2-E4) 1kg drop weight, 12.5mm radius: 2-3 joules energy (no damage to connector)

Hinge lifetime (fatigue) test 1000 cycles, no cracks

**Insertion force:** 50N max (5kg)

**Retention force** Over 250 (25kg) before m/d pulls

## **Packaging and Labelling**

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

### **END OF SPECIFICATION**

This is a crush resistant Emtelle designed product combination, where a standard straight connector (photo) or end cap (noy shown) is pre-fitted with an outer cover to improve the physical protection and permit burial at a FTTH location. In addition to the pre-fitted version, the cover itself is also available for the installer to retrofit over the connector (RHS of below)

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