



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 (not 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	End Caps	Code	Reducer Connectors	Code
4/2.1mm	78035	4mm	78034	7-4mm	78033
5/2.1mm	78036	7mm	78051	10-7mm	78032
7/3.5mm	78041	8mm	78038	12-10mm	78031
7/4mm	78055	10mm	78050	14-7mm	79035
10/6mm	78054	12mm	78049	14-12mm	78057
10/8mm	78043	14mm	78048	16-14mm	78052
12/10mm	79026	16mm	78056		
14/10mm	78042	20mm	TBC		
16/12mm	78053				
18/14mm	TBC				
20/16mm	TBC				

UK_DS_78031

Performance

Blowing Pressure: for	Between temperatures of -10°C and +40°C, all listed connector sizes can be used 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 (not 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)