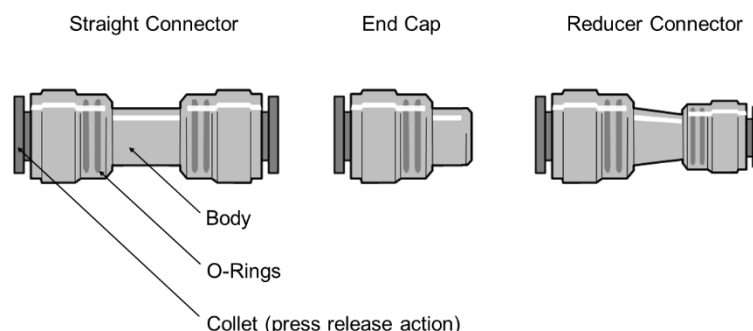




Push Fit Connector Range John Guest Range



Product Description

Straight connector, End caps and Reducing Connectors provide a suitable but simple and effective tube to tube joint and seal when the fittings are pushed onto a clean-cut tube end. The tubes internal diameter are maintained throughout the product to allow a fibre bundle to be blown through the fitting. The push fittings are suitable for the FibreFlow systems in sizes to match the tube diameters. If the tube is pulled away from the connector, internal teeth and a tapered body ensure the tube is gripped tighter. Removal of the tube is easily achieved by pressing the collet inwards.

Material & Technical data

BODY: Acetal copolymer, polycarbonate and sulphone, impact resistant; some are transparent.
O-RINGS: nitrile rubber & EPDM
COLLET: acetal copolymer, stainless steel teeth

Product overview

Size	Straight Connector	End Caps	Size	Reducers
3mm	7312	9610 (black)	4-3mm	70728
4mm	71070	70762	5-3mm	9638
5mm	7223	7221 (black)	6-3mm	70727
5mm (slimline)	71996 (black)		6-4mm	70294 (2.5mm through bore)
6mm	7310	7311	6.3-5mm	9502
6.3mm	7930		7-5mm	71142 (3.5mm through bore)
7mm			8-5mm	6085
8mm	7222	6026	8-6mm	74770
10mm	7487	7486 9611 (black)	8-7mm	74276 (5.5mm through bore)
10mm (slimline)	73277		8-7mm (x10)	75730 (5.5mm through bore)
12mm	9732 7263 (black)	9612 (black)	10-8mm	7280
16mm	71424	71438 (white)	12-8mm	71277
18mm	70956 (black)	72740 (black)	12-10mm	7279

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Performance

(Applies to LDPE, MDPE and HDPE tube)

Temperature: Minimum working –20°C Maximum working +65°C

Pressure: These pressures are continuous working ratings. Higher pressures, eg. 15bar, may be used for short periods, eg. during fibre blowing. This applies also to 10mm connectors.

Temperature	Size	
	Up to 8mm	10mm and over
-10°C to +40°C	16 Bar	10 Bar
+40°C to +65°C	10 Bar	7 Bar

Burst pressure rated (all sizes) 25 bar min over working temperature range.

Leakage at 8 bar gas pressure: 1.5 ml/minute max.

Leakage at 0.7 bar gas pressure: 0.02 ml/minute max.

Water Ingress: The connector shall seal against a 620mbar head of water plus atmospheric pressure.

Insertion force: 50N max (5kg)

Retention force: Between microduct and connector, load applied at 25m/min
25N min (3mm tube)
55N min (5mm tube)
125N min (8mm tube)
125N min (10mm tube)
125N min (12mm tube)