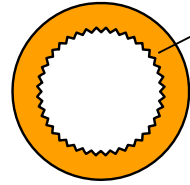


Fibreflow Blown Fibre Single 12/8 HD microduct



SINGLE 12/8
MICRODUCT

DESCRIPTION:

Polyethylene microduct (m/d) used as a fibre pathway, having enhanced performance when used for blowing of fibre optic cable. The m/d is used as a buried drop tube, and also can be blown into a waiting duct either alone or as a collection of similar m/ds.

PRODUCT DETAILS:

Outer diameter	12.0mm nominal (fits designated push-fit connectors)
Inner diameter	8.0mm nominal (measured by plug gauge)
Inner surface:	has ribs / grooves to reduce surface contact area.
Working blow pressure:	17 Bar (air) max at 20°C, less if hotter
Min bend radius:	180mm if above 5°C, 240mm if below 5°C
Radius for blowing:	Recommend 1m radius or more
Mass:	60g/m nom (60kg/km)
Max Installation Pull Force:	400N (40kg)
Crush withstand:	1000N (100kg) see below.

PRODUCT TESTS:

1. Flexibility: Use test method IEC 60794-1-2-E11. Ten turns of assembly shall be wrapped around a mandrel of diameter 300mm, and shall show, after 30 minutes, no damage. A 7mm probe shall pass freely through the tube 'on mandrel' to demonstrate the integrity of the tube.
2. Crush: Use test method IEC60794-1-2-E3: Increase load at speed 1mm/min until duct is compressed 2mm. The load at this point shall not be less than 1000N

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