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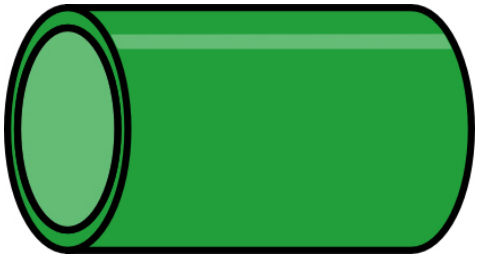
fibreflow **Blown Fibre 12/10 microduct**



PRODUCT DESCRIPTION

Polyethylene microduct (m/d) designed as a fibre or cable pathway. The m/d has a low friction inner surface. The m/d can itself be blown into a waiting duct either alone or as a collection of similar m/ds. Or several can be bundled together in an assembly. Each m/d shall have performance as described below. Please note the dimensions of this microduct are optimised for blow distance. Its SDR is 12, and so it is not defined as a heavy-duty microduct. If higher crush and tensile strength are needed, please consider our 12/9.4 (SDR 9.2) microduct (MHT 1375)

MICRODUCT, as extruded (prior to winding onto drum)

1. Material is HDPE, with low friction inner surface.
2. Microduct mass is 33g/m nominal
3. Extruded from 100% virgin material (no re-used PE content)
4. Outer diameter 12.0mm ± 0.1, (measured during manufacture at exit of haul-off)
5. Inner diameter 10.0mm nom (measured by plug gauge)
6. SDR = 12 (outer diameter divided by wall thickness)
7. Minimum wall thickness at any point: 1.0mm
8. These m/ds are manufactured to a specification compatible with Emtelle recommended industry standard 12mm push-fit connectors for fibre optic networks.
9. Minimum bend radius 150mm.
10. Maximum Installation Tension: 240N (24kg). Take care Do not pull around sharp corners.
11. Maximum rated pressure at 20°C: 15bar
12. Identification: The m/d material may be tinted with a small amount of colour to aid identification.

NOTES:

1. *Diameters and thicknesses are measured to the nearest 0.1mm*
2. *'Nominal' data is based on mid-spec, and is for information only, not for inspection purposes.*
3. *The sketch is for information only, not for inspection purposes.*
4. *(This product was previously introduced in CP625)*

PRODUCT TESTS:

1. Kink: Use test method IEC 60794-1-2-E10.
2. Tensile: Use test method IEC 60794-1-2-E1.
3. Crush: Use test method IEC 60794-1-2-E3.