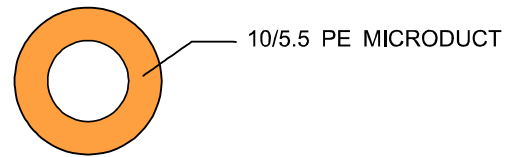


## fibreflow Blown Fibre Primary Microduct 10/5.5mm



### PRODUCT DESCRIPTION

A heavy-wall 10mm polyethylene microduct (m/d) having enhanced performance when used for fibre blowing. M/ds are bundled in various combinations and sheathed to give product assemblies for installation into the network. See relevant individual data sheets.

### PRIMARY TUBE

1. Extruded from 100% virgin polyethylene (no re-used PE content)
2. Mass: 53g/m approx
3. Outer diameter 10.0mm nominal: suits designated push-fit connectors
4. Inner diameter 5.5mm nominal (measured by plug gauge)
5. Minimum wall thickness at any point: 2.0mm
6. Maximum installation tension in single tube form: 350N (35kg)
5. Min bend radius 120mm. See separate recommendations for MBR of fibre products.

### 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.*

### TESTS

1. Flexibility. Use test method IEC 60794-1-2-E11. Wrap 10 tight turns of the m/d onto a mandrel of 120mm diameter, leave in place 30 minutes, then remove. The m/d OD shall not be reduced by more than 15%. There shall be no splitting or permanent damage to the m/d.
2. Crush. Use test method IEC 60794-1-2-E3. Apply a load of 3kN. A probe or ball of diameter 4.0mm shall pass freely through the microduct.
3. Pressure. The m/d shall withstand at 21°C, under water, 17 bar air pressure for 2 hours without leaks.

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