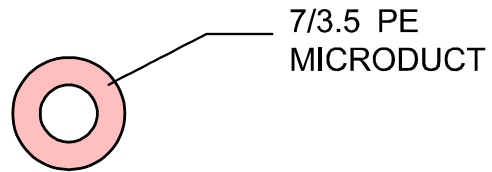


**fibreflow Blown Fibre
PE DROP MICRODUCT (7/3.5)****PRODUCT DESCRIPTION:**

A single PE microduct (m/d), with low friction performance suitable for fibre blowing. This product is designed either to be bundled in a blown fibre m/d assembly, or for direct burial 'to the premises' in suitably prepared ground that is 'non-sharp' (eg pea-gravel or sand) and not subject to serious physical disturbance. For more protection, eg in 'vulnerable' or rocky ground situations, we recommend deploying this m/d inside a tough PE mini-duct, eg 16/10, 16/12, 20/16, or 25/20.

Microduct outer diam:	7.0mm nominal; fits designated push connectors
Microduct inner diam:	3.5mm nominal; measured by plug gauge
Mass:	28g/m nominal
Min bend radius:	100mm. This is not a fibre blowing radius. See separate recommendations for MBR of fibre.
Max installation pull force:	Up to 250N (25kg) only. Pull by hand only. Take care with this low tension.
Crush and Grip:	The m/d may be gripped by standard non-compression cable clips (designed for a 7mm cable). Temporary crush loads may be applied with caution – see limiting data below.

Note 1: Diameters and thicknesses are measured to nearest 0.1mm.

Note 2: 'nominal' data is based on middle-spec, and is for information only, not for inspection purposes.

ASSEMBLY TESTS:

1. Tensile. Use test method IEC 60794-1-2-E1. Apply gauge marks. Plot a load/extension curve at 10mm/min to apply between the gauge marks. The load to give 3% elongation shall not be less than 350N. If the sample should neck down during the test, repeat the test until it does not.
2. Crush (1): Use test method IEC 60794-1-2-E3, plate loaded to 2kN (200kg). At this load, the compression shall be less than 15% of the original outer diameter.
3. Crush (2): Hold the 2kN load for 60 seconds then remove the load. Within 1 hour recovery time:
 - a) There shall be no splitting or damage.
 - b) A 2.3mm probe shall pass freely through the tube.
 - c) Any permanent residual deformation shall not exceed 10%.