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Product Datasheet MHT 2680

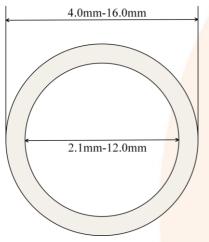
Generic Specification LFH Microduct



Product Description

LFH microduct used as a fibre pathway, having enhanced performance when used for fibre blowing. Each microduct has performance as described below.

Microducts can be used individually or are combined in various configurations then sheathed to give protected microduct bundles for installation into indoor network.



Note 1: Diameters and thicknesses are measured to the nearest 0.1mm unless otherwise stated. Note 2: 'Nominal' data is based on mid-spec, and is for information only, not for inspection purposes.



Microduct, Polyethylene

- Extruded from 100% virgin material (no re-used content)
- Inner surface coefficient friction max 0.1µ
- Identification: Microduct individually printed to aid identification.

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Outside	Inside	Weight (g/m)	Minimum	Maximum*
Diameter	Diameter		Bend Radius	installation pull
(mm) nom	(mm) nom		(mm)	force (N)
4.0	2.5	11.3	40	40
5.0	3.5	14.8	50	55
5.0	2.1	24.5	50	85
6.0	3.8	25.8	60	85
7.0	5.5	21.7	90	80
7.0	4.0	39.2	90	140
7.0	3.5	43.8	90	150
8.0	6.0	32.8	110	120
8.0	5.0	45.2	110	170
8.0	4.0	57.4	110	200
10.0	6.0	76.4	130	270
12.0	8.0	95.4	160	340
14.0	10.0	114.3	19 <mark>0</mark>	420
16.0	12.0	133.3	2 <mark>1</mark> 0	490

Testing, Microduct		
Tensile	IEC 60794-1-2-Method E1	Procedure to IEC 60794-5
Crush	IEC 60794-1-2-Method E3	Procedure to IEC 60794-5
Impact	IEC 60794-1-2-Method E4	Procedure to IEC 60794-5
Kink	IEC 60794-1-2-Method E10	Procedure to IEC 60794-5
Bend	IEC 60794-1-2-Method E11	Procedure to IEC 60794-5

Further tested to EN 61386-1, EN 61386-22

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