



**Generic Details: Microduct Bundle**

1. Extruded from 100% virgin compound with these characteristics:
2. Tensile strength 11.5MPa, 102% retention after 7d at 110°C IEC60811-501
3. Elongation at break 155%, 94% retention after 7 days at 110°C
4. Cold elongation at -25°C minimum 43%
5. No halogen content (chlorine, bromine, fluorine)
6. Oxygen Index (LOI) 40%

**Product-Specific Details**

Type	Outer Diameter	Mass	Max. Pull Tension (Installation)	Min. Bend Radius	Generic Specification
<b>4/2.5mm</b>					
1-WAY LF	6,2 mm	40.5 g/m	0,13 kN / 13 kg	80 mm	MHT2617
2-WAY LF	6,2 / 10,2 mm	65 g/m	0,20 kN / 20 kg	130 mm	MHT2617
4-WAY LF	11,9 mm	104 g/m	0,33 kN / 33 kg	150 mm	MHT2617
7-WAY LF	14,2 mm	151 g/m	0,50 kN / 50 kg	190 mm	MHT2617
12-WAY LF	18,7 mm	244 g/m	0,85 kN / 85 kg	250 mm	MHT2617
19-WAY LF	22,0 mm	344 g/m	1,20 kN / 120 kg	350 mm	MHT2617
24-WAY LF	26,6 mm	461 g/m	1,60 kN / 160 kg	400 mm	MHT2617
<b>5/3.5mm</b>					
1-WAY LF	7.2 mm	45 g/m	0,15 kN / 15 kg	100 mm	MHT423
2-WAY LF	7.2 x 12.2 mm	80 g/m	0.25 kN / 25 kg	150 mm	MHT423
4-WAY LF	12.2 x 14.3 mm	127 g/m	0.4 kN / 40 kg	150 mm	MHT423
7-WAY LF	17.2 mm	190 g/m	0.6 kN / 60 kg	220 mm	MHT423
12-WAY LF	22.9 mm	310 g/m	0.95 kN / 95 kg	300 mm	MHT423
19-WAY LF	26.9 mm	438 g/m	1.3 kN / 130 kg	350 mm	MHT423
24-WAY LF	32.5 mm	591 g/m	1.8 kN / 180 kg	500 mm	MHT423
<b>7/4mm</b>					
1-WAY LF	9.2 mm	84 g/m	0.24 kN / 24 kg	120 mm	CP821
2-WAY LF	9.2 x 16.2 mm	148 g/m	0.35 kN / 35 kg	120 mm	CP1229
4-WAY LF	19.0 mm	236 g/m	0.70 kN / 70 kg	210 mm	CP1230
7-WAY LF	23.5 mm	407 g/m	1.4 kN / 140 kg	305 mm	CP1524
12-WAY LF	30.9 mm	646 g/m	2.0 kN / 200 kg	475 mm	CP1411
19-WAY LF	36.5 mm	971 g/m	2.6 kN / 260 kg	550 mm	CP1231
24-WAY LF	44.7 mm	1339 g/m	4.5 kN / 450 kg	700 mm	CP1412
<b>14/10mm</b>					
2-WAY LF	16.5 x 30.5 mm	377 g/m	1.0 kN / 100 kg	250 mm	CP1112
4-WAY LF	34.2 mm	658 g/m	1.75 kN / 175 kg	500 mm	CP1079
7-WAY LF	44.7 mm	1080 g/m	3.75 kN / 375 kg	700 mm	CP898

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**Operating Parameters**

Installation temperature	-20°C...+40°C
Transportation and storage temperature	-40°C...+60°C
Installation + Blowing ideal	+5°C...+20°C

**Testing**

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

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