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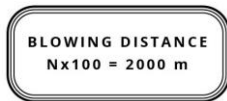
**Product Datasheet MHT 2800**  
**Generic Specification DI – with foil Microducts and Bundles**



**Product Description**

Assemblies of PE microducts (m/d), each with low friction performance. Each assembly (tube bundle) is surrounded by an overlapped aluminium water barrier layer. Over this and bonded to it is a flexible sheath of black outdoor PE. These lightweight and flexible products are intended for direct installation into waiting duct, but not for direct burial or aerial use.

**Product Benefits**



Microducts are tested according to IEC 60794-5

Blowing track: up to 2000m, route and fibre/cable dependent

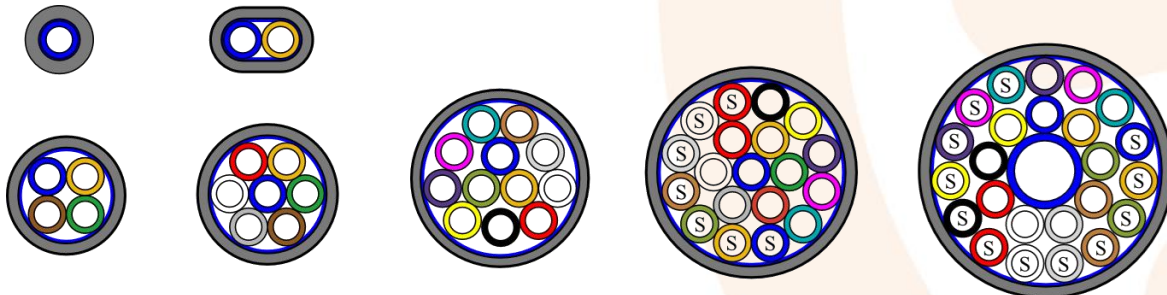
Em-Liner for Low Friction and best blowing results

UV-Protection up to 2 years in EU

Pressure tight up to 15 bar

**Application and Design**

Inner surface:



Smooth or ribbed + Em-Liner

**Colour identification of single ducts:**

Translucent with stripes or uni coloured possible

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua
13	14	15	16	17	18	19	20	21	22	23	24
Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

Other colours upon request

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**Generic Details: Microduct Bundle**

Material	Polyethylene, Light stabilized (normally black)
Wall thickness	1.7mm nominal including aluminium
Sheath removal	Using Ripcord(s) provided under sheath
Number single ducts	1-24

**Product-Specific Details**

Type	Outer Diameter	Mass	Max. Pull Tension (Installation)	Min. Bend Radius	Generic Specification
<b>3/2.1mm</b>					
1-WAY DI	6.4 mm	33 g/m	0.25 kN / 25 kg	90 mm	MHT175
2-WAY DI	6.4 x 9.4 mm	46 g/m	0.35 kN / 35 kg	90 mm	MHT175
4-WAY DI	10.6 mm	68 g/m	0.5 kN / 50 kg	150 mm	MHT175
7-WAY DI	12.4 mm	86 g/m	0.6 kN / 60 kg	170 mm	MHT175
12-WAY DI	15.6 mm	122 g/m	0.9 kN / 90 kg	220 mm	MHT175
19-WAY DI	18.0 mm	160 g/m	1.2 kN / 120 kg	250 mm	MHT175
24-WAY DI	21.4 mm	209 g/m	1.5 kN / 150 kg	300 mm	MHT175
<b>4/2.5mm</b>					
1-WAY DI	7.4 mm	36 g/m	0.2 kN / 20 kg	100 mm	MHT2623
2-WAY DI	7.4 x 11.4 mm	56 g/m	0.35 kN / 35 kg	100 mm	MHT2623
4-WAY DI	13.1 mm	84 g/m	0.5 kN / 50 kg	180 mm	MHT2623
7-WAY DI	15.4 mm	115 g/m	0.7 kN / 70 kg	225 mm	MHT2623
12-WAY DI	19.6 mm	169 g/m	1.05 kN / 105 kg	275 mm	MHT2623
19-WAY DI	23.1 mm	239 g/m	1.5 kN / 150 kg	300 mm	MHT2623
24-WAY DI	27.4 mm	316 g/m	2.0 kN / 200 kg	375 mm	MHT2623
<b>5/3.5mm</b>					
1-WAY DI	8.4 mm	49 g/m	0.4 kN / 40 kg	120 mm	MHT175
2-WAY DI	8.4 x 13.4mm	77 g/m	0.6 kN / 60 kg	120 mm	MHT175
4-WAY DI	15.5 mm	118 g/m	0.7 kN / 70 kg	200 mm	MHT175
7-WAY DI	18.4 mm	162 g/m	1.5 kN / 150 kg	240 mm	MHT175
12-WAY DI	23.8 mm	240 g/m	1.6 kN / 160 kg	310 mm	MHT175
19-WAY DI	27.8 mm	329 g/m	2.5 kN / 250 kg	360 mm	MHT175
24-WAY DI	33.4 mm	437 g/m	4.0 kN / 400 kg	500 mm	MHT175
<b>8/6mm</b>					
1-WAY DI	11.4 mm	78 g/m	0.6 kN / 60 kg	150 mm	MHT175
2-WAY DI	11.4 x 19.4 mm	128 g/m	1.0 kN / 100 kg	150 mm	MHT175
4-WAY DI	22.7 mm	204 g/m	1.5 kN / 150 kg	300 mm	MHT175
7-WAY DI	27.4 mm	292 g/m	2.0 kN / 200 kg	370 mm	MHT175
12-WAY DI	36.0 mm	444 g/m	3.2 kN / 320 kg	550 mm	MHT175
19-WAY DI	42.4 mm	623 g/m	4.5 kN / 450 kg	650 mm	MHT175
<b>10/8mm</b>					
1-WAY DI	13.4 mm	98 g/m	0.75 kN / 75 kg	180 mm	MHT888
2-WAY DI	13.4 x 23.4 mm	162 g/m	1 kN / 100 kg	180 mm	MHT888
4-WAY DI	27.5 mm	262 g/m	1.7 kN / 170 kg	370 mm	MHT888
5-WAY DI	30.4 mm	312 g/m	2.2 kN / 220 kg	475 mm	MHT888
7-WAY DI	33.4 mm	368 g/m	2.5 kN / 250 kg	500 mm	MHT888

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<b>12/10mm</b>					
1-WAY DI	15.3 mm	108 g/m	0.75 kN / 75 kg	200 mm	MHT888
2-WAY DI	15.3 x 27.3 mm	178 g/m	1.4 kN / 140 kg	200 mm	MHT888
4-WAY DI	32.4 mm	302 g/m	2.3 kN / 230 kg	500 mm	MHT888
5-WAY DI	36.1 mm	380 g/m	2.8 kN / 280 kg	550 mm	MHT888
7-WAY DI	39.4 mm	413 g/m	3.2 kN / 320 kg	600 mm	MHT888
<b>12/9.4mm</b>					
1-WAY DI	15.3 mm	117 g/m	0.8 kN / 80 kg	200 mm	MHT888
2-WAY DI	15.3 x 27.3 mm	196 g/m	1.5 kN / 150 kg	200 mm	MHT888
4-WAY DI	32.4 mm	338 g/m	2.4 kN / 240 kg	500 mm	MHT888
5-WAY DI	36.1 mm	424 g/m	3.2 kN / 320 kg	550 mm	MHT888
7-WAY DI	39.4 mm	476 g/m	3.4 kN / 340 kg	600 mm	MHT888

### 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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