Micro Reducer



DESCRIPTION

Make connections between MicroDucts of different sizes without the need for tools. Transparent design affords greater control when connecting MicroDucts and enables visual confirmation of the presence of a cable. Totally metal-free design.

APPLICATION

For use with MicroDucts of different sizes in direct-buried and sub-duct application.

KEY TECHNICAL PARAMETERS

Material

Body: Clear Polyamide (PA)

Grip: Stainless steel

Clips: Polypropylene (PP)

Temperature

Installation: -15 °C to +45 °C

Operation: -15 °C to +45 °C

Transport and storage: -15 °C to +45°C

Pressure

Installation: 15 bar

Working: 25 bar

Others

UV resistant: No

Operational lifetime: 25+ years

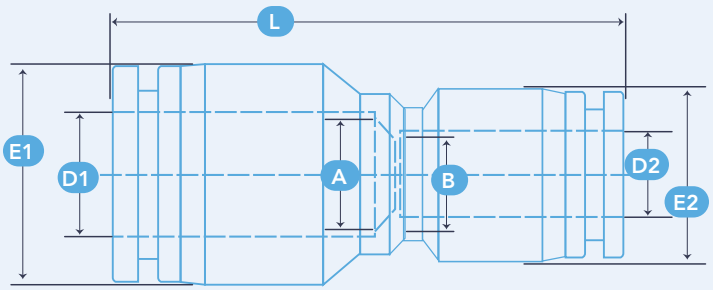
Impact resistance: 1 joule

Standards

General: EN50411-2-8

Environmental Stress Crack Resistance (ESCR): 1,000-hour ageing at 95 °C

TECHNICAL SPECIFICATIONS



Size	D1 (mm)	D2 (mm)	E1 (mm)	E2 (mm)	A (mm)	B (mm)	L (mm)
5-3	5	3	13.5	11.5	4.3	2.5	33.6
5-4	5	4	13.5	11.5	4.3	2.5	33.6
7-4	7	4	15	11.5	6	2.5	36.3
7-5	7	5	15	13.5	6	4.3	36.5
8-5	8	5	15	13.5	7	4.3	36.5
8-7	8	7	15	15	6.5	6.5	39.3
10-5	10	5	19	13.5	9	4.3	43.1
10-7	10	7	19	15	9	6	42.6
10-8	10	8	19	15	9	6	42.6
12-7	12	7	21.5	15	11	6	44.3
12-8	12	8	21.5	15	11	7	44.3
12-10	12	10	21.5	19	11	9	47.2
14-7	14	7	23.5	15	12	7	44.6
14-10	14	10	23.5	19	12	9	47.7
14-12	14	12	23.5	21.5	12	11	48.3
16-12	16	12	26.5	21.5	14	11	50.1
16-14	16	14	26.5	23.5	14	12	50.6

PRODUCT VARIATIONS

Material Description	Length (mm)	Weight (g)	Pull out force (N)	SAP code
Micro Reducer 5 to 3 mm	33.6	5	> 60	20073114
Micro Reducer 5 to 4 mm	33.6	6.3	> 70	20040132
Micro Reducer 7 to 4 mm	36.5	6.3	> 70	20040133
Micro Reducer 7 to 5 mm	36.5	7	> 120	20030106
Micro Reducer 8 to 5 mm	36.5	7	> 120	20030107
Micro Reducer 8 to 7 mm	36.5	7.6	> 170	20030108
Micro Reducer 10 to 5 mm	43.1	11	> 120	20030102
Micro Reducer 10 to 7 mm	42.6	11	> 170	20020084
Micro Reducer 10 to 8 mm	42.6	11	> 170	20030103
Micro Reducer 12 to 7 mm	44.3	12	> 170	20020230
Micro Reducer 12 to 8 mm	44.3	12.6	> 170	20030104
Micro Reducer 12 to 10 mm	47.2	16	> 250	20020085
Micro Reducer 14 to 7 mm	44.6	20	> 170	20020075
Micro Reducer 14 to 10 mm	47.7	20	> 250	20020231
Micro Reducer 14 to 12 mm	48.3	18.7	> 300	20030105
Micro Reducer 16 to 12 mm	50.1	20	> 300	20020077
Micro Reducer 16 to 14 mm	50.6	20	> 400	20020076