

DuraFit 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

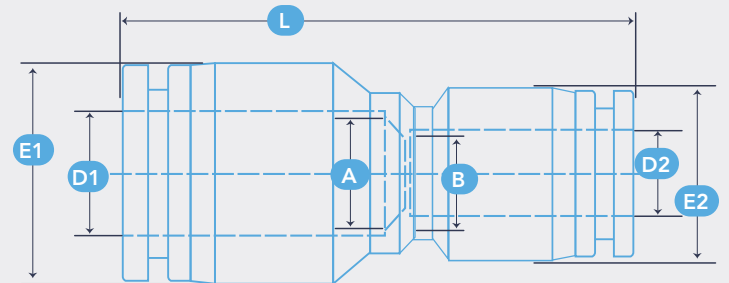
Impact resistance: 1 joule

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
DuraFit Reducer 5 to 3 mm	33.6	5	> 60	20073114
DuraFit Reducer 5 to 4 mm	33.6	6.3	> 70	20040132
DuraFit Reducer 7 to 4 mm	36.5	6.3	> 70	20040133
DuraFit Reducer 7 to 5 mm	36.5	7	> 120	20030106
DuraFit Reducer 8 to 5 mm	36.5	7	> 120	20030107
DuraFit Reducer 8 to 7 mm	36.5	7.6	> 170	20030108
DuraFit Reducer 10 to 5 mm	43.1	11	> 120	20030102
DuraFit Reducer 10 to 7 mm	42.6	11	> 170	20020084
DuraFit Reducer 10 to 8 mm	42.6	11	> 170	20030103
DuraFit Reducer 12 to 7 mm	44.3	12	> 170	20020230
DuraFit Reducer 12 to 8 mm	44.3	12.6	> 170	20030104
DuraFit Reducer 12 to 10 mm	47.2	16	> 250	20020085
DuraFit Reducer 14 to 7 mm	44.6	20	> 170	20020075
DuraFit Reducer 14 to 10 mm	47.7	20	> 250	20020231
DuraFit Reducer 14 to 12 mm	48.3	18.7	> 300	20030105
DuraFit Reducer 16 to 12 mm	50.1	20	> 300	20020077
DuraFit Reducer 16 to 14 mm	50.6	20	> 400	20020076