

# LSHF DuraFit Connector



## PRODUCT DESCRIPTION

Make connections between MicroDucts quickly and easily in in-building applications, without the need for tools. Transparent design affords greater control when connecting MicroDucts and enables visual confirmation of the presence of a cable.

## APPLICATION AREA

For use with Low Smoke Halogen Free (LSHF) MicroDucts in settings where fire, smoke, and toxic fumes pose a risk to human life and critical electronic equipment.

## MAIN CHARACTERISTICS

### Material

**Body:** FR V0 Polycarbonate

**Collect:** FR V0 POK

**Grip Ring:** Stainless steel 304

**O-ring:** FR V0 Silicone

**Ring:** FR V0 POK

**Pressing sleeve:** FR V0 POK

**Locking clip:** FR V0 Polyamide

### Temperature

**Installation:** -15°C to +45°C

**Operation:** -15°C to +45°C

**Transport and Storage:** -15°C to +45°C

### Pressure

**Operation:** 16 bar

**Burst:** 25 bar

### Others

**Insertion force:** ≤ 50 N

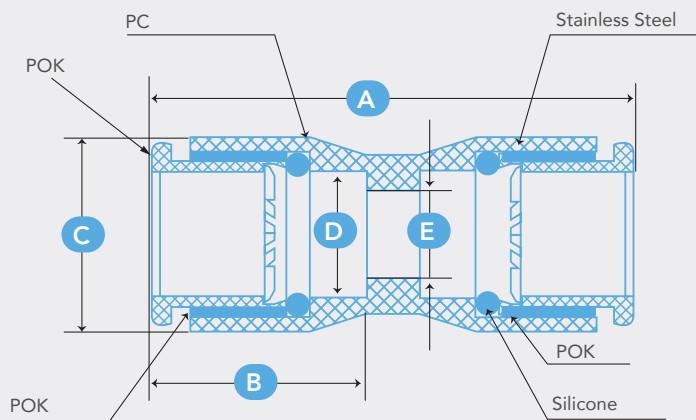
**Impact resistance:** 1 joule

### Standards

**UL94 V-0:** flame resistance for in-building applications

**EN 50411-2-8-2009**

## TECHNICAL SPECIFICATIONS



Size	A	B	C	D (AD)	E (ID)
7 mm	40,0	18,0	14,7	7,2	5,5/ 3,5
10 mm	46,5	21,2	16,9	10,1	8/6
12 mm	47,9	22,2	19,1	12,2	10/8
14 mm	52,0	22,7	21,3	14,2	12/10
16 mm	54,7	24,8	23,6	16,2	12/13/14

PRODUCT VARIATIONS

Material Description	Pull out force (N)	Packaging	SAP code
DuraFit FR Connector 5mm w/s clip	55	350	20080162
DuraFit FR Connector 6mm w/s clip	65	300	20080161
DuraFit FR Connector 7mm w/s clip	125	200	20080163
DuraFit FR Connector 8mm w/s clip	125	200	20080164
DuraFit FR Connector 10/8mm w/s clip	125	140	20080165
DuraFit FR Connector 12/8mm w/s clip	135	100	20080166
DuraFit FR Connector 12/10mm w/s clip	135	100	20080167
DuraFit FR Connector 14/10mm w/s clip	155	80	20080168
DuraFit FR Connector 16/12mm w/s clip	175	60	20080169
DuraFit FR Connector 20/15mm w/s clip	195	20	20080170