

# ANACONDA MULTITITE CONDUIT TYPE FCE-LFHB



## Flexible, extra robust, halogen free and low smoke

Type FCE-LFHB is a **galvanised steel** core conduit with a **haloegen free TPO** cover and a **stainless steel** AISI-304 braid on top. A halogen-free, "low smoke" conduit for use in public areas. The features of the FCE-LFHB cover are necessary in the field of environment and safety, as the European guidelines state that materials used in certain areas must meet special requirements regarding toxic gas emission and smoke density in case of fire. Because of the BS approvals is type FCE-LFHB optimal for use in the subway-, train- and bus-building industry, in closed areas, airports, tunnels, (subway) stations and other infra-structure projects, but also in hospitals, elevators, escalators and other public areas. Type FCE-LFHB is delivered on convenient reels (card board reels with stamped metal core).

### Material & Construction:

**Construction:** Galvanised steel core, square-locked with thin wall convoluted Thermoplastic Poly-Olefin (TPO compound) cover and stainless steel AISI-304 braiding.

**Cover specifications:** Poly-Olefin, lead-free according to RoHS, sunlight and UV resistant, suitable for outside installation.

### Approvals:

- EN 45545-2 (2013): R22 (interior equipment) class HL 1, HL 2 and HL 3.  
R23 (exterior equipment) class HL 1, HL 2 and HL 3.  
(CITnp = 0,09 , Ds max = 121 and LOI = 41,5).



Square locked



- BS 6853 (1999)

Tabel 7 (Interior) Category 1b and II vehicle.

Tabel 8 (Exterior) Category 1a, 1b and II vehicle

- London Underground LUL 1-085 (2011)

Tabel 4: limited and dispersed usage

Only sizes 20 and 25 are officially registered.

**Temperature:** -25 °C till +80 °C, intermittent up to +100 °C.

**Colour:** Metal coloured

### Classification according to NEN-EN-IEC 61386:

**Compression resistance:** Class 4, Heavy (1250 N).

**Impact resistance:** Class 4, Heavy (6 J).

**Tensile strength:** Class 4, Heavy (1000 N).

**Protection class:** IP 67 (dust-proof, water-tight).

FCE-LFHB	Diameter		Bending radius (cl)		Small reel		Standard reel		Large reel		Weight (Kg/m)
	Inside	Outside	Static	Dynamic	Metre	Article No.	Metre	Article No.	Metre	Article No.	
DN	(mm)	(mm)	(mm)	(mm)							
16	13,0	18,2	45	60	-	-	25	375.016.2	-	-	0,38
20	17,0	22,7	55	80	-	-	25	375.020.2	-	-	0,49
25	21,2	27,2	70	100	-	-	25	375.025.2	-	-	0,62
32	28,1	35,2	95	125	-	-	25	375.032.2	-	-	0,82

The fittings for Multitite FCE-LFHB are outlined in on pages 2-20 till 2-23



FCE-LFHB	10	12	16	18	20	25	32	40	50	-	-	-
ISO	M10 / M12	M12 / M16	M16 / M20	M20	M20	M25	M32	M40	M50 / M63	-	-	-
Pg	7	9	11 / 13,5	13,5	16	21	29	36	48	-	-	-
NPT	-	-	1/2"	-	1/2"	3/4"	1"	-	-	-	-	-