

# Anaconda Multitite conduit

## TYPE FCE-LFH BLACK



### FLEXIBLE, EXTRA ROBUST, HALOGEN FREE AND LOW SMOKE

Type FCE-LFH is a high quality galvanised steel core conduit with a halogen free TPO cover. A halogen free, "low smoke" conduit for use in public areas. The features of the FCE-LFH 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-LFH 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-LFH 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 Polyolefin (TPO) cover.

**Cover specifications:** Polyolefin, 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.  
(CI<sub>Tnlp</sub> = 0,09, D<sub>s</sub> max = 121 and LOI = 41,5).

- 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:** Black.

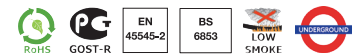
#### Classification according to NEN-EN-IEC 61386:

**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).



Square locked

MULTITITE		DIAMETRE		BENDING RADIUS (CL)		SMALL REEL		STANDARD REEL		LARGE REEL		WEIGHT
Size (dn)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No. black	Metre	Article No. black	Metre	Article No. black	(kg/m)	
12	10	14	37	50	-	-	25	373.012.2	-	-	0,18	
16	13	17	45	60	-	-	25	373.016.2	50	373.016.5	0,23	
20	17	21,5	55	80	10	373.020.1	25	373.020.2	50	373.020.5	0,3	
25	21,2	26	70	100	10	373.025.1	25	373.025.2	50	373.025.5	0,39	
32	28,1	34	95	125	10	373.032.1	25	373.032.2	-	-	0,52	

The fittings for Multitite are outlined in on pages 2 - 8 till 2 - 19

MULTITITE	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"	-	-