

# ANACONDA MULTITITE CONDUIT TYPE FCE-LFH BLACK



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

Type FCE-LFH is, a **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 Poly-Olefin (TPO) cover.

**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.
- (CITnlp = 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:** 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).

Multitite	Diametre		Bending radius (cl)		Small reel		Standard reel		Large reel		Weight
	Inside	Outside	Static	Dynamic	Metre	Article No.	Metre	Article No.	Metre	Article No.	
DN	(mm)	(mm)	(mm)	(mm)		Black		Black		Black	
12	10,0	14,0	37	50	-	-	25	373.012.2	-	-	0,18
16	13,0	17,0	45	60	-	-	25	373.016.2	50	373.016.5	0,23
20	17,0	21,5	55	80	10	373.020.1	25	373.020.2	50	373.020.5	0,30
25	21,2	26,0	70	100	10	373.025.1	25	373.025.2	50	373.025.5	0,39
32	28,1	34,0	95	125	10	373.032.1	25	373.032.2	-	-	0,52
40	37,7	45,0	115	160	10	373.040.1	25	373.040.2	-	-	0,75
50	48,4	56,0	135	190	10	373.050.1	25	373.050.2	-	-	1,10

The fittings for Multitite are outlined in on pages 2-07 till 2-18



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"	-	-	-	-	-

Company

Anacoda  
Multiflex

Anacoda  
Multitite