

# Anaconda Multitite conduit

## TYPE FCE-PU-V0 BLACK



### FLEXIBLE, EXTRA ROBUST, HALOGEN FREE AND SUPERIOR CHEMICAL RESISTANT

Type FCE-PU-V0 is, a high quality galvanised steel core conduit with a halogen free TPU cover. This conduit complies in full with the smoke and fire requirements of EN 45545-2. It is a very flexible conduit with good bend radius characteristics and is suitable for protecting cables that are subject to frequent movement and vibration such as on bogies, brake sensor cables, jumper, autocoupler and pantograph cables on low to medium speed trains. The conduit's ability to withstand stone splash, snow, ice and dirt ballast and maintain its flexibility at low temperatures and changing levels of humidity makes it suitable for use in all types of environmental conditions as well as for protecting cables on traction equipment and air conditioning systems onboard trains. It can also be used to protect CCTV and passenger information system cables on trains.

#### Material & Construction:

**Construction:** Galvanised steel core, square locked with thin wall convoluted Thermoplastic Poly-Urethane (TPU) cover.

**Cover specifications:** Polyurethane (V0 acc. UL94), halogen free, lead-free according to RoHS, oil, sunlight and UV resistant.

**Special approvals, flame properties according to:**  
- EN 45545-2 (2013):  
R22 (interior equipment) class HL 1 and HL 2.

R23 (exterior equipment) class HL1/HL2/HL3.  
(ClTnlp = 0,20, Ds max = 265 and LOI = 33).

**Flame property tests:** Official tests (VTEC Laboratories Inc.) indicate that the polyurethane used in FCE-PU-V0 meets the requirements for NFPA 130, ASTM E162, ASTM E662 and BSS 7239.

**Temperature:** -50°C till +105°C, intermittent up to +125°C.

**Colour:** Black.

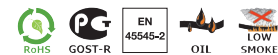
#### Classification according to NEN-EN-IEC 61386:

**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	374.012.2	-	-	0,18	
16	13	17	45	60	-	-	25	374.016.2	-	-	0,23	
20	17	21,5	55	80	-	-	25	374.020.2	-	-	0,3	
25	21,2	26	70	100	-	-	25	374.025.2	-	-	0,39	
32	28,1	34	95	125	-	-	25	374.032.2	-	-	0,52	
40	37,7	45	115	160	10	374.040.1	-	-	-	-	0,75	
50	48,4	56	135	190	10	374.050.1	-	-	-	-	1,1	

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"	-	-