

# Anaconda Sealtite conduit

## TYPE HFX-V0



### ROBUST, HALOGEN FREE, VERY FLEXIBLE, WIDE TEMPERATURE RANGE AND FLAME RETARDANT

Type HFX-V0 features a galvanised steel core with a thick, smooth TPU cover which is Halogen free and flame retardant and meets the smoke, fire and toxicity requirements of EN 45545-2, NFPA 130, ASTM E162, E662 and BSS 7239 standards. Type HFX-V0 is a very robust conduit that retains its flexibility at low temperatures and changing levels of humidity. The conduit is used to mechanically protect brake sensor, jumper, auto coupler, pantograph cables that are constantly exposed to frequent movement, vibration, stone splash, snow, ice and dirt ballast etc.

#### Material & Construction:

**Construction:** Hot dipped galvanised steel core, square locked with cord packing, thick smooth Thermoplastic Polyurethane (VO-rated TPU) cover.

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

#### Special approvals, flame properties according to:

- EN 45545-2 (2013):  
R22 (interior equipment) class HL1 and HL2  
R23 (exterior equipment) class HL1/HL2/HL3.  
(Average results: ClTnlp = 0,12 , Ds max = 230 and LOI > 32).

- EN ISO 11925-2: passes the Allumability test at 30 sec.

**Flame property tests:** Official tests (VTEC Laboratories Inc.) indicate that the Poly-Uretane used in HFX-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.



Square locked from 5/16" - 1.1/4"



Inter locked for size 1.1/2" - 2"

SEALTITE	DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		SMALL CARTON		REEL		WEIGHT (kg/m)
	Size (inch)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No. black	Metre	Article No. black	Metre	
5/16"	10,1	14,4	50	65	30	348.010.1	-	-	-	-	0,2
3/8"	12,6	17,8	60	85	30	348.012.1	-	-	-	-	0,3
1/2"	16	21,1	75	110	30	348.016.1	-	-	-	-	0,4
3/4"	21	26,4	90	140	30	348.020.1	-	-	-	-	0,55
1"	26,5	33,1	120	170	30	348.026.1	-	-	-	-	0,75
1.1/4"	35,1	41,8	135	215	15	348.035.1	-	-	-	-	1
1.1/2"	40,3	47,8	165	250	15	348.040.1	-	-	-	-	1,55
2"	51,6	59,9	210	300	15	348.050.1*	-	-	-	-	2,15

\* Size 2" only HL1 for R22 (interior equipment) and HL1/HL2 for R23 (exterior equipment)

The fittings for Sealtite are outlined in chapter 5 Sealtite Fittings

SEALTITE	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
ISO	M10 - M12	M16 - M20	M16 - M20	M20	M25	M32	M40	M50 - M63	M50 - M63	M75	M90	-
Pg	7	09 - 11	11 - 13,5	16	21	29	36	42	48	-	-	-
NPT	-	-	1/2"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"