

Anaconda Sealtite conduit

TYPE ZHUA



ROBUST, UL / CSA APPROVED, HALOGEN FREE, FLAME RETARDANT (UL-94 V0)

Type ZHUA features a galvanised steel core with a thick, smooth TPU cover which is Halogen free and flame retardant in line with the smoke and fire requirements of EN 45545-2 and NFPA 130, ASTM E162, E662 and BSS 7239 standards. The conduit retains its flexibility at low and high temperatures and changing levels of humidity. Type ZHUA conduit is UL & CSA approved and has an integrated grounding copper wire (in sizes 3/8" to 1.1/4") to protect cables from electromagnetic interference. Type ZHUA is used in the metro-, train- and bus-building industry, in closed areas, airports, tunnels and (subway) stations, shipbuilding industry and navy.

Material & Construction:

Construction: Hot dipped galvanised steel core, square locked with integral copper grounding wire till 1.1/4", thick smooth Thermoplastic Polyurethane (VO-rated TPU compound) cover.

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

Special approvals: UL-360 (file # E18917) and CSA C 22.2 (file LL15275 / 1117768). Applicable for NEC Article 250.118 (6), 350, 300.22 (D), 620.21 and 645.5 (E) (2).

Suitable for use in hazardous environments according tot NEC:

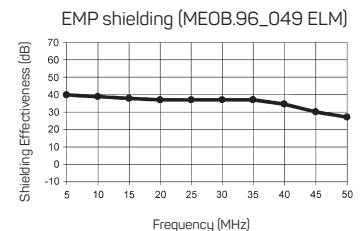
- Article 501.10 (B) (2) Class I, Division 2.
- Article 502.10 (A) (2) and (B) (2) Class II, Division 1 and 2.

- Article 503.10 (A) (3) and (B) Class III, Division 1 and 2.
- EN 45545-2: R22 (interior equipment) class HL1 and HL2, R23 (exterior equipment) class HL1/HL2/HL3. (Average results: ITCpnl = 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-Urethane used in ZHUA meets the requirements for NFPA 130, ASTM E162, ASTM E662 and BSS 7239.

Temperature: -50 °C till +105 °C, intermittent up to +125 °C. Approved for UL and CSA from -40 °C till +80 °C.

Colour: Black.



Square locked from 3/8" - 1.1/4"



Inter locked for size 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	
3/8"	12,6	17,8	70	85	30	334.012.1	-	-	150	334.012.5	0,4
1/2"	16,1	21,1	90	110	30	334.016.1	-	-	150	334.016.5	0,45
3/4"	21,1	26,4	115	140	30	334.020.1	-	-	150	334.020.5	0,65
1"	26,8	33,1	145	170	30	334.026.1	-	-	120	334.026.5	1,05
1.1/4"	35,4	41,8	175	215	15	334.035.1	-	-	60	334.035.5	1,2
1.1/2"	40,3	47,8	205	250	15	334.040.1	-	-	45	334.040.5	1,5
2"	51,6	59,9	240	300	15	334.050.1*	-	-	30	334.050.5	2,3

* 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"