

ZHUA ZERO HALOGEN, UL LISTED CONDUIT

LFMC SEALTITE® ZHUA ZERO HALOGEN/LOW SMOKE FLEXIBLE CONDUIT



DESCRIPTION

- Flexible metal core liquid tight conduit
- Special Polyurethane jacket providing maximum protection from toxic gases, smoke density, carbon monoxide levels and HCL levels.
- Halogen free, flame retardant and low smoke
- Approved for direct burial and in concrete Trade sizes 3/8" through 4"
- Resists heat, oil and chemical breakdown
- Uses standard liquid tight connectors for easy installation

COMPLIANT WITH NEC ARTICLES

- 300.22 (D) Information Technology Equipment
- 250.102, 250.118(5) and 250.134(B) Equipment Grounding
- Suitable for hazardous locations per NEC Articles
 - 501.10 (B) (2) Class I Div. 2
 - 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
 - 503.10 (A) (3) and (B) Class III Div. 1 & 2
- 350 Liquid tight Flexible Metal Conduit (LFMC)
- 645.5 (E) (2) Under raised floors

SPECIFICATIONS

- Galvanized steel core with liquid tight TPU jacket
- Color: Black
- Temp. range: -40°F to +176°F (-40°C to +80°C)
- UV (sunlight), corrosion and oil resistant
- UL Approved to UL-94 V-0, UL 360 DXHR.E18917
- Meets or exceeds: ASTM-E162 (Flame spread); ASTM-E662 (Smoke density); Bombardier SMP-800C (Toxic gas generation)
- UL 360 Approved DXHR.E18917, CSA C22.2 #LL15275, NEC Article 350, NFPA 79 (2021 Edition) Section 13.5.4 LFMC and NFPA 130 (2023 Edition) Section 8.6.7.4 LFMC

APPLICATIONS

- Commercial and transport applications where Zero Halogen and Low Smoke conduit is specified

See: www.ul.org www.csa-international.org www.nfpa.org
www.naed.org www.nema.org www.anacondasealtite.com



Square-Locked Design with integral bonding wire 3/8" - 1-1/4"

Interlocked Design 1-1/2" - 4" with no bonding wire



Trade Size (mm)	Item ID	Std. Pkg. (feet)	Inside Diameter (inches)		Outside Diameter (inches)		Bend Radius (inches)	Weight (lbs/100 ft)	Packages per Pallet
			Min	Max	Min	Max			
3/8" (12)	39802	100	0.484	0.504	0.690	0.710	3.0	25	48
	39808	500							4
	39809	1000							3
1/2" (16)	39812	100	0.622	0.642	0.820	0.840	3.5	29	48
	39814	500							4
	39813	1000							3
3/4" (21)	39822	100	0.820	0.840	1.030	1.050	5.0	44	32
	39828	500							3
	39829	1000							3
1" (27)	39831	100	1.041	1.066	1.290	1.315	6.0	73	24
	39838	400							3
1-1/4" (35)	39841	50	1.380	1.410	1.630	1.660	7.0	100	24
	39848	250							3
1-1/2" (41)	39851	50	1.575	1.600	1.865	1.900	5.5	112	10
	39854	150							3
2" (53)	39861	50	2.020	2.045	2.340	2.375	7.0	148	10
	39868	100							3
2-1/2" (63)	39872	25	2.480	2.505	2.840	2.875	9.5	182	6
3" (78)	39881	25	3.070	3.100	3.460	3.500	15.0	255	15
3-1/2" (91)	39791	25	3.500	3.540	3.960	4.000	16.0	314	6
4" (103)	39891	25	4.000	4.040	4.460	4.500	17.0	362	6

FITTINGS FINDER



IP 66/67 with approved fittings