

Type ZHUA

Zero Halogen-Low Smoke-Low Flame Spread*
UL Listed Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked hot dipped zinc galvanized steel core for exceptional crush and corrosion resistance.
- Durable, sunlight resistant, flame retardant, LOW SMOKE and ZERO HALOGEN TPU jacket that resists heat, oil and chemical breakdown.
- Designed for most extreme temperature applications.
- Meets the demands of today's higher temperature rated conductors.
- Convenient markings in feet for easy measurement.



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



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

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 67 Rated when installed with approved connectors.
- Approved for both exposed and concealed locations. Rated for temperature ranges -40°F to + 176°F (-40°C to +80°C).
- Approved as an equipment grounding conductor in sizes 3/8" through 1-1/4" if the total grounding path is 6 ft. or less and the circuit conductors are protected by over 20 amps for 3/8" and 1/2" and 60 amps or less for 3/4" through 1-1/4".
- Suitable for use in hazardous locations per NEC Article 501 Class I Div. 2, Article 502 Class II Div. 1 & 2, Article 503 Class III Div. 1 & 2.
- Manufactured in a full range of sizes from 3/8" through 4".
- Approved for direct burial and in concrete trade sizes 3/8" through 4".
- Complies with UL Standard 360 File No. E18917; and NEC Article 350.

MEETS or EXCEEDS the following STANDARDS

- Flame Spread Index ASTM E162
- Smoke Density (Generation) ASTM E662
- Toxic Gas Generation Bombardier BSS 7239
- Jacket Material is U.L. 94 Certified
- Conduit is U.L. 360 Listed

NEC Articles

- Article 250.118 (6) Equipment Grounding
- Article 300.22 (D) Information Technology Equipment
- Article 350 Liquid-Tight Flexible Metal Conduit (LFMC)
- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) (3) and (B) Class III Div. 1 & 2
- Article 620.21 Elevator Wiring Methods
- Article 645.5 (E) (2) Under Raised Floors

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U.L. LISTED • RoHS WEEE COMPLIANT



Type ZHUA

Black Zero Halogen jacket with integral bonding wire 3/8" through 1-1/4"



Product Specifications

Ordering Information

Electrical Trade Size		Inside Diameter		Outside Diameter		Inside Bend Radius	Approx Weight lbs.	Standard Carton		Small Reels		Standard Reels	
Inches	mm	Inches		Inches				Inches	PER	Length	NAED	Length	NAED
		MIN.	MAX.	MIN.	MAX.		100 FT.	Feet	PIN	Feet	PIN	Feet	PIN
3/8	12	.484	.504	.690	.710	3.0	25	100	39802	500	39808	1000	39809
1/2	16	.622	.642	.822	.840	3.5	29	100	39812	500	39814	1000	39813
3/4	21	.820	.840	1.030	1.050	5.0	44	100	39822	500	39828	1000	39829
1	27	1.041	1.066	1.290	1.315	6.0	73	100	39831	400	39838		
1-1/4	35	1.380	1.410	1.630	1.660	7.0	100	50	39841	200	39844		
1-1/2	41	1.575	1.600	1.865	1.900	5.5	112	50	39851	150	39854		
2	53	2.020	2.045	2.340	2.375	7.0	148	50	39861	100	39868		
2-1/2	63	2.480	2.505	2.840	2.875	9.5	182	25	39872				
3	78	3.070	3.100	3.460	3.500	15	255	25	39881				
3-1/2	91	3.500	3.540	3.960	4.000	16	314	25	39791				
4	103	4.000	4.040	4.460	4.500	17	362	25	39891				

NOTE: 1. Black – Specification above. 2. Colors are available upon request.
 * Test data results obtained from an independent test laboratory. Consult factory for additional details.

TYPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type ZHUA. Conduit shall provide a flexible liquid-tight raceway for wiring and shall be constructed of continuously interlocked hot dipped zinc galvanized steel core with an integral bonding wire in sizes 3/8" thru 1-1/4". Conduit shall have a sunlight resistant, flame retardant, LOW SMOKE AND ZERO HALOGEN TPU jacket in electrical trade sizes 3/8" thru 4". Conduit shall be UL listed, and IP 67 rated when installed with approved end connectors.