

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.

Installation

- Conduit used with standard liquid-tight fitting for easy installation. IP 66/67 Rated when installed with approved fittings.
- Protection of 1000 volt and lower potential circuits.
- Approved for both exposed and concealed locations. Rated for temperature ranges -40°F to + 176°F (-40°C to +80°C), UL 70°C Oil. CSA Certified for 60°C dry, 60°C oil.
- 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 overcurrent devices rated at 20 amps or less 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".
- All Sizes Comply with UL Standard 360 File No. E18917; CSA C22.2 File No. 158898; and NEC Article 350
- Approved for NFPA 130 fixed guideway transit and passenger rail systems Chapter 8 vehicles.



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



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

MEETS or EXCEEDS the following STANDARDS

- Flame Spread Index ASTM E162
- Smoke Density (Generation) ASTM E662
- Toxic Gas Generation Bombardier SMP 800-C
- Toxic Gas Testing BSS 7239
- Limited Oxygen Index 33
- 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
- www.ul.com www.nfpa.org
www.naed.org www.nema.org
www.anametelectrical.com

See pages 23-31 for fittings



U.L. LISTED • CSA CERTIFIED • RoHS WEEE COMPLIANT

Type ZHUA

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



Product Specifications

Electrical Trade Size	Inside Diameter		Outside Diameter		Inside Bend Radius	Approx Weight lbs.	Standard Carton		Small Reels		Standard Reels			
	Inches	mm	MIN.	MAX.			MIN.	MAX.	Length	NAED	Length	NAED	Length	NAED
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				

Ordering Information

NOTE: 1. Black – Specification above. Custom colors available.

* 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 66/67 rated when installed with approved end fittings.