

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 SMP-800C
- Jacket Material is U.L. 94 Certified
- Conduit is U.L. 360 Listed

NEC Articles

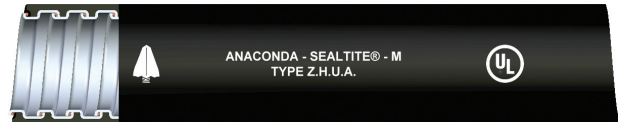
- Article 250.118 Equipment Grounding
- Article 300.22 Air Plenum
- Article 350 Liquid-Tight Flexible Metal Conduit (LFMC)
- Article 501.10 (B) (2) Class I Div. 2
- Article 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- Article 503.10 (A) and (B) Class III Div. 1 & 2
- Article 620.21 Elevator Wiring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

www.ul.com www.nfpa.org
www.naed.org www.nema.org
www.anametelectrical.com

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.