

# Type UA

UL Listed, CSA Certified  
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 and flame retardant thermoplastic PVC jacket that resists heat, oil and chemical breakdown.

## Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 66/67 Rated when installed with approved connectors.
- Approved for both exposed and concealed locations. Rated for temperature ranges -4°F to +140°F (-20°C to +60°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 Articles 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 trade 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; CSA C22.2 File No. 158897; and NEC Article 350.



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



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

## 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](http://www.ul.com)

[www.nfpa.org](http://www.nfpa.org)

[www.nema.org](http://www.nema.org)

[www.csa-international.org](http://www.csa-international.org)

[www.naed.org](http://www.naed.org)

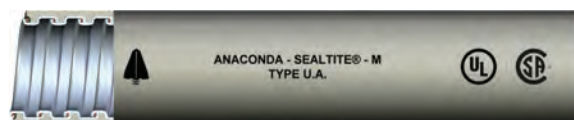
[www.anametelectrical.com](http://www.anametelectrical.com)

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



## Type UA

Gray or Black thermoplastic PVC jacket with integral bonding wire 3/8" through 1-1/4"



## Product Specifications

## Ordering Information

| Electrical Trade Size |     | Inside Diameter |       | Outside Diameter |       | Approx Inside Bend Radius | Approx Weight lbs. | Small Carton |       | Standard Carton |       | Small Reels |       | Standard Reels |       |
|-----------------------|-----|-----------------|-------|------------------|-------|---------------------------|--------------------|--------------|-------|-----------------|-------|-------------|-------|----------------|-------|
| Inches                | mm  | Inches          |       | Inches           |       | Inches                    | PER 100 FT.        | Length       | NAED  | Length          | NAED  | Length      | NAED  | Length         | NAED  |
|                       |     | MIN.            | MAX.  | MIN.             | MAX.  |                           |                    | Feet         | PIN   | Feet            | PIN   | Feet        | PIN   | Feet           | PIN   |
| 3/8                   | 12  | .484            | .504  | .690             | .710  | 3.0                       | 25                 | 100          | 34202 | 200             | 34201 | 800         | 34204 | 1500           | 34203 |
| 1/2                   | 16  | .622            | .642  | .822             | .840  | 3.5                       | 29                 | 100          | 34212 | 200             | 34211 | 500         | 34214 | 1000           | 34213 |
| 3/4                   | 21  | .820            | .840  | 1.030            | 1.050 | 5.0                       | 44                 | 100          | 34222 | 150             | 34221 | 500         | 34228 | 1000           | 34229 |
| 1                     | 27  | 1.041           | 1.066 | 1.290            | 1.315 | 6.0                       | 73                 |              |       | 100             | 34231 | 400         | 34238 |                |       |
| 1-1/4                 | 35  | 1.380           | 1.410 | 1.630            | 1.660 | 7.0                       | 100                |              |       | 50              | 34241 | 250         | 34248 |                |       |
| 1-1/2                 | 41  | 1.575           | 1.600 | 1.865            | 1.900 | 5.5                       | 112                |              |       | 50              | 34251 | 150         | 34254 |                |       |
| 2                     | 53  | 2.020           | 2.045 | 2.340            | 2.375 | 7.0                       | 148                |              |       | 50              | 34261 | 100         | 34268 |                |       |
| 2-1/2                 | 63  | 2.480           | 2.505 | 2.840            | 2.875 | 9.5                       | 182                |              |       | 25              | 34272 |             |       | 100            | 34274 |
| 3                     | 78  | 3.070           | 3.100 | 3.460            | 3.500 | 15                        | 255                |              |       | 25              | 34281 |             |       | 100            | 34284 |
| 3-1/2                 | 91  | 3.500           | 3.540 | 3.960            | 4.000 | 16                        | 314                |              |       | 25              | 34301 |             |       | 100            | 34304 |
| 4                     | 103 | 4.000           | 4.040 | 4.460            | 4.500 | 17                        | 362                |              |       | 25              | 34291 |             |       | 100            | 34294 |

Note: 1. Gray - Specification above.  
2. Black - Change third number in NAED code to "0".  
3. Other Colors are available upon request.

### TYPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type UA. 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 and flame retardant PVC jacket in electrical trade sizes 3/8" thru 4". Conduit shall be UL listed, CSA certified and IP 66/67 rated when installed with approved end connectors.