

## Liquid Tight - UL Listed Non-Metallic Flexible Conduit

### Industry Standards

- UL 1660
- ANSI/NFPA-70 (National Electric Code) Article 356
- NEC 230.43(15), 356.10(5), 430.145(B), 501.10(10)(B)(2), 501.30(B), 502.10(A)(2), 502.10(B)(2), 502.30(B), 503.10(A)(3), 503.10(B), 503.30(B), 547.5, 553.7, 555.13, 600.31, 600.32, 610.11(C), 620.21, 645.5(D) and (D)(2), 680.21(A)(3), 680.42(A)(1)
- C-UL Approved

### Construction

- Crush resistant circular PVC inner tubing with a smooth flame retardant, flexible PVC jacket

### Application

- To be used in Commercial and Industrial applications where conditions require installation, operation or application that require flexibility, movement or protect from liquids, vapors, solids and weather.
- For applications requiring movement such as elevators, dumbwaiters, escalators, moving walks, wheelchair lifts and stairway chair lifts per NEC 620.21
- For use in direct burial applications and embedding in concrete.
- For use in agricultural buildings
- For motor leads
- For air conditioners and HVAC
- For cranes and hoist per NEC 610.11(C)
- For exposed or concealed locations
- For use where a flexible connection is required for spa and pool motors per NEC 680.21(A)(3) and NEC 680.42(A)(1)
- For use in boatyards and marinas per NEC 555.13
- For Use in floating building feeders and services per NEC 553.7(B)
- For use under raised floors in data processing and computer areas
- For electric signs and outline lighting supply and secondary circuits 1000 Volts and less per NEC 600.31, and over 1000 Volts per NEC 600.32
- Can be used in service entrance in lengths up to 6 feet per NEC 230.43(15)
- In Hazardous Locations as outlined in NEC 501.10(B)(2), 501.30(B), 502.10(A)(2), 502.30(B) 502.10(b)(2), 503.10(A)(2), and 503.10(B)

### Features

- Sunlight Resistant
- Temperature Rating: -15°C to +65°C working temperature range
- Flame Retardant Jacket
- RoHS Compliant



| catalog number | size in inches | inside dia. min/max in inches | outside dia. min/max in inches | bending radius in inches | reel length | weight lbs. per reel |
|----------------|----------------|-------------------------------|--------------------------------|--------------------------|-------------|----------------------|
| AI NM 038      | 3/8"           | .484/.504                     | .69/.71                        | 4                        | 100         | 10.75                |
| AI NM 050      | 1/2"           | .622/.642                     | .82/.84                        | 6.5                      | 100         | 13.2                 |
| AI NM 050REEL  | 1/2"           | .622/.642                     | .82/.84                        | 6.5                      | 1000        | 132                  |
| AI NM 075      | 3/4"           | .820/.840                     | 1.03/1.05                      | 8.5                      | 100         | 18.1                 |
| AI NM 075REEL  | 3/4"           | .820/.840                     | 1.03/1.05                      | 8.5                      | 800         | 145                  |
| AI NM 100      | 1"             | 1.041/1.066                   | 1.29/1.32                      | 13                       | 100         | 25                   |
| AI NM 125      | 1 1/4"         | 1.380/1.410                   | 1.63/1.66                      | 16                       | 100         | 33                   |
| AI NM 150      | 1 1/2"         | 1.575/1.620                   | 1.87/1.90                      | 18                       | 50          | 23                   |
| AI NM 200      | 2"             | 2.020/2.045                   | 2.34/2.38                      | 22                       | 50          | 30                   |