

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