

Liquid Tight - UL Listed Steel/PVC Flexible Conduit

Industry Standards

- ANSI/UL 360
- NFPA-70 (National Electric Code) Article 350
- NEC 230.43(15), 250.118(6), 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), 553.7(B), 555.13, 600.31, 600.32, 610.11(C), 620.21, 645.5(E)(2), 680.21(A)(1), 680.42(A)(1)
- C-UL Approved

Construction

- Corrosive resistant steel strip spiral wound
 - 3/8" through 1-1/4" square lock design with bonding strip
 - 1-1/2" through 4" is fully interlocked steel strip
- 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 cranes and hoists 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 per NEC 645.5(E)(2)
 - 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)(3) and 503.30(B)
 - Permitted in equipment grounding under conditions stated in NEC 250.118 (6)

Features

- Sunlight Resistant
- Temperature Rating: 60°C Dry, 60°C Wet or Dry, 60°C Oil
- Flame Retardant
- RoHS Compliant



catalog number	size in inches	inside dia. min/max in inches	outside dia. min/max in inches	bending radius in inches	reel/coil length	weight lbs. per unit
AI ST 038	3/8"	.48/.50	.69/.71	2.39	100	24
AI ST 050	1/2"	.62/.64	.82/.84	3.64	100	31
AI ST 075	3/4"	.82/.85	1.03/1.05	4.64	100	43
AI ST 100	1"	1.04/1.07	1.29/1.31	6.89	100	64
AI ST 125	1-1/4"	1.38/1.41	1.63/1.66	8.39	50	48
AI ST 150	1-1/2"	1.58/1.60	1.86/1.90	9.39	50	55
AI ST 200	2"	2.02/2.04	2.34/2.38	11.52	25	36
AI ST 250	2-1/2"	2.48/2.51	2.84/2.88	15.01	25	49
AI ST 300	3"	3.07/3.10	3.46/3.51	17.89	25	67
AI ST 400	4"	4.00/4.04	4.46/4.52	24.39	25	78