

Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit

Straight and 90° for Liquidtight Flexible Metal Conduit Connections to Sheet Metal Enclosures.

Suitable for use in Class I, Division 2

Applications

- For use with liquidtight flexible metal conduit in sheet metal enclosure installations.

Features

- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Flame resistant, insulating insert recessed into hex-head wedge adapter protects against wire damage, without reduction in throat diameter.
- Space-saving hex-hub wedge adapter fits nearly flush against inside walls of enclosures, providing maximum wiring room.
- Liquidtight/raintight/oiltight.
- Suitable for wet locations.

Standard Material/Finish

- 3/8" thru 1" straight: steel
- 1-1/4" thru 4" straight and 3/8" thru 1" 90°: malleable iron
- 3/8" thru 1" ferrule: steel; 1-1/4" thru 4" ferrule: aluminum
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

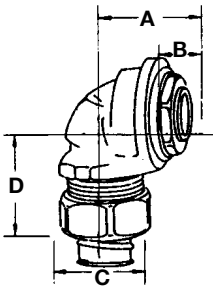
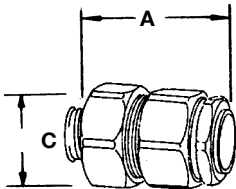
Compliances and Certification

- UL Standard: 514B
- UL Listed: E14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3
4	4

Dimensions



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Inches/Millimeters											
Catalog Number	Size (Inches)	A	Dimensions		D	Hole Diameter		Wall Thickness		Weight Lbs./Kgs. Per 100	
			B	C		Min.	Max.	Min.	Max.		
Straight											
	STN-38	3/8	1.44/35.6	—	1.13/28.7	—	0.88/22.4	0.94/23.9 0.97/24.6	0.06/1.5 0.09/2.3	0.08/2.0 0.25/6.4	18.00/8.16
	STN-50	1/2	1.44/35.6	—	1.25/31.8	—	0.88/22.4	0.94/23.9 0.97/24.6	0.06/1.5 0.09/2.3	0.08/2.0 0.25/6.4	20.00/9.07
	STN-75	3/4	1.56/39.6	—	1.50/38.1	—	1.09/27.7	1.16/29.5 1.22/31.0	0.06/1.5 0.09/2.3	0.08/2.0 0.25/6.4	30.00/13.61
	STN-100	1	1.75/44.5	—	1.81/45.9	—	1.34/34.0	1.41/35.8 1.47/37.3	0.06/1.5 0.09/2.3	0.08/2.0 0.25/6.4	40.80/18.51
	STN-125	1-1/4	2.63/66.8	—	2.31/58.7	—	1.69/42.9	1.78/45.2 1.84/46.7	0.06/1.5 0.09/2.3	0.08/2.0 0.31/7.9	125.00/56.70
	STN-150	1-1/2	2.63/66.8	—	2.63/66.8	—	1.94/49.3	2.03/51.6 2.09/53.1	0.06/1.5 0.09/2.3	0.08/2.0 0.31/7.9	184.00/83.46
	STN-200	2	2.94/74.7	—	3.19/81.0	—	2.39/60.7	2.53/64.3 2.59/65.8	0.06/1.5 0.09/2.3	0.08/2.0 0.31/7.9	280.00/127.01
	STN-250	2-1/2	3.63/92.2	—	3.94/100.1	—	2.89/73.4	3.02/76.7	0.09/2.3	0.31/7.9	509.00/230.88
	STN-300	3	3.19/81.0	—	4.38/111.3	—	3.52/89.4	3.64/92.5	0.09/2.3	0.31/7.9	669.00/303.45
	STN-400	4	4.19/106.4	—	5.50/139.7	—	4.52/114.8	4.63/117.6	0.09/2.3	0.31/7.9	860.00/390.09
90°											
	STN-9038	3/8	0.84/21.3	—	1.13/28.7	—	0.88/22.4	0.94/23.9 0.97/24.6	0.06/1.5 0.09/2.3	0.08/2.0 0.25/6.4	21.00/9.53
	STN-9050	1/2	0.84/21.3	—	1.25/31.8	—	0.88/22.4	0.94/23.9 0.97/24.6	0.06/1.5 0.09/2.3	0.08/2.0 0.25/6.4	30.00/13.61
	STN-9075	3/4	0.94/23.9	—	1.50/38.1	—	1.09/27.7	1.16/29.5 1.22/31.0	0.06/1.5 0.09/2.3	0.08/2.0 0.25/6.4	36.00/16.33
	STN-90100	1	1.10/27.9	—	1.81/45.9	—	1.34/34.0	1.41/35.8 1.47/37.3	0.06/1.5 0.09/2.3	0.08/2.0 0.25/6.4	80.00/36.29

Commercial Products

COMMERCIAL PRODUCTS: LIQUIDTIGHT CONDUIT FITTINGS