

# Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit

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

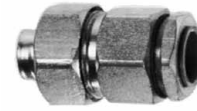
NEC/CEC — Suitable for use in:  
Class I, Division 2

## 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/concretetight.
- Suitable for wet locations.



STN-38

## 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

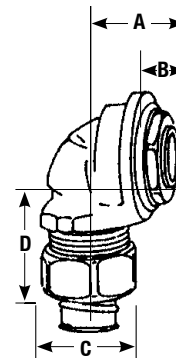
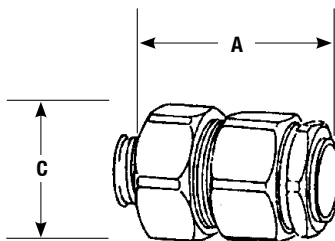
## NEC/CEC Compliances and Certification

- UL Standard: 514B
- UL Listed: E-11853
- 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




## Illustrated Dimensions



# Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit

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Class I, Division 2

	Size (Inches)	Millimeters (Inches)								Weight per 100 kg (lb)	Catalog Number
		Dimensions				Hole Diameter		Wall Thickness			
		A	B	C	D	Min.	Max	Min.	Max		
<b>Straight</b>											
	3/8	35.6 (1.44)	—	28.7 (1.13)	—	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	8.16 (18.00)	<b>STN-38</b>
	1/2	35.6 (1.44)	—	31.8 (1.25)	—	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	9.07 (20.00)	<b>STN-50</b>
	3/4	39.6 (1.56)	—	38.1 (1.50)	—	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	13.61 (30.00)	<b>STN-75</b>
	1	44.5 (1.75)	—	45.9 (1.81)	—	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	18.51 (40.80)	<b>STN-100</b>
<b>Straight</b>											
	1-1/4	66.8 (2.63)	—	58.7 (2.31)	—	42.9 (1.69)	45.2 (1.78) 46.7 (1.84)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	56.70 (125.00)	<b>STN-125</b>
	1-1/2	66.8 (2.63)	—	66.8 (2.63)	—	49.3 (1.94)	51.6 (2.03) 53.1 (2.09)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	83.46 (184.00)	<b>STN-150</b>
	2	74.7 (2.94)	—	81.0 (3.19)	—	60.7 (2.39)	64.3 (2.53) 65.8 (2.59)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	127.01 (280.00)	<b>STN-200</b>
	2-1/2	92.2 (3.63)	—	100.1 (3.94)	—	73.4 (2.89)	76.7 (3.02)	2.3 (0.09)	7.9 (0.31)	230.88 (509.00)	<b>STN-250</b>
	3	81.0 (3.19)	—	111.3 (4.38)	—	89.4 (3.52)	92.5 (3.64)	2.3 (0.09)	7.9 (0.31)	303.45 (669.00)	<b>STN-300</b>
	4	106.4 (4.19)	—	139.7 (5.50)	—	114.8 (4.52)	117.6 (4.63)	2.3 (0.09)	7.9 (0.31)	390.09 (860.00)	<b>STN-400</b>
<b>90°</b>											
	3/8	21.3 (0.84)	11.2 (0.44)	28.7 (1.13)	38.1 (1.50)	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	9.53 (21.00)	<b>STN-9038</b>
	1/2	21.3 (0.84)	11.2 (0.44)	31.8 (1.25)	38.1 (1.50)	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	13.61 (30.00)	<b>STN-9050</b>
	3/4	23.9 (0.94)	12.7 (0.5)	38.1 (1.50)	42.9 (1.69)	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	16.33 (36.00)	<b>STN-9075</b>
	1	27.9 (1.10)	17.5 (0.69)	45.9 (1.81)	47.8 (1.88)	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	36.29 (80.00)	<b>STN-90100</b>

COMMERCIAL AND INDUSTRIAL FITTINGS: LIQUIDTIGHT CONDUIT FITTINGS

