

Aluminum Liquidtight ST™ Series Connectors with Plain Throat

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
 Class I, Division 2 per NEC 501.10(B)(4)
 Class I, Zone 2 per NEC 505.15(C)(2)
 Class II, Division 1 per NEC 502.10(A)(2)(2)
 Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
 Class III, Division 1 per NEC 503.10(A)(3)(2)
 Class III, Division 2 per NEC 503.10(B)
 Intrinsically Safe per NEC 504.20

Applications

- Provides a dependable connection for liquidtight flexible metal conduit.

Features

- Lightweight aluminum construction facilitates installation.
- Seals out oil, water, dust, dirt and fumes.
- High corrosion resistance.
- 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.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- Compact design with small turning radius.

Standard Materials

- Copperfree (4/10 of 1% of copper or less) aluminum

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

	Trade Size (Inches)	STD Pipe Thread Size	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
			A	B	C		
	Straight						
	3/8 flex, 1/2 hub	1/2" - 14"	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	101.40 (4.80)	ST-38AL
	1/2	1/2" - 14"	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	2.04 (4.50)	ST-50AL
	3/4	3/4" - 14"	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	3.00 (6.60)	ST-75AL
	1	1" - 11-1/2"	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	4.63 (10.20)	ST-100AL
	1-1/4	1-1/4" - 11-1/2"	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	11.43 (25.20)	ST-125AL
	1-1/2	1-1/2" - 11-1/2"	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	16.33 (36.00)	ST-150AL
	2	2" - 11-1/2"	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	22.45 (49.50)	ST-200AL
	2-1/2	2-1/2" - 8"	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	47.63 (105.00)	ST-250AL
	3	3" - 8"	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	61.23 (135.00)	ST-300AL
4	4" - 8"	101.6 (4.00)	31.8 (1.25)	139.7 (5.50)	90.34 (199.20)	ST-400AL	

	Trade Size (Inches)	Dimensions in Millimeters (Inches)				Weight per 100 kg (lb)	Catalog Number
		B	C	E	F		
90°							
	3/8 flex, 1/2 hub	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	31.8 (1.25)	3.08 (6.80)	ST-9038AL
	1/2	16.0 (0.63)	31.8 (1.25)	38.1 (1.50)	31.8 (1.25)	3.13 (6.90)	ST-9050AL
	3/4	16.0 (0.63)	38.1 (1.50)	39.6 (1.56)	36.6 (1.44)	5.31 (11.70)	ST-9075AL
	1	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	35.1 (1.38)	8.44 (18.60)	ST-90100AL
	1-1/4	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	45.9 (1.81)	5.51 (34.20)	ST-90125AL
	1-1/2	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	61.9 (2.44)	6.54 (58.50)	ST-90150AL
	2	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	66.8 (2.63)	9.46 (87.00)	ST-90200AL