

Aluminum Liquidtight ST Series Connectors with Plain Throat

For Liquidtight Flexible Metal Conduit

Suitable for use in Class I, Division 2

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.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- Compact design with small turning radius.

Standard Material

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

Certifications and Compliances

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

	Catalog Number	Trade Size (Inches)	STD Pipe Thread Size	Dimensions in Inches/Millimeters			Weight Lbs./Kgs. Per 100
				A	B	C	
Straight							
	ST-38AL	3/8 flex, 1/2 hub	1/2" - 14"	1.44/36.6	0.63/16.0	1.13/28.7	4.80/101.40
	ST-50AL	1/2	1/2" - 14"	1.44/36.6	0.63/16.0	1.25/31.8	4.50/2.04
	ST-75AL	3/4	3/4" - 14"	1.50/38.1	0.63/16.0	1.50/38.1	6.60/299
	ST-100AL	1	1" - 11-1/2"	1.63/41.4	0.75/19.1	1.81/45.9	10.20/4.63
	ST-125AL	1-1/4	1-1/4" - 11-1/2"	2.00/50.8	0.63/16.0	2.31/58.7	25.20/11.43
	ST-150AL	1-1/2	1-1/2" - 11-1/2"	2.25/57.2	0.63/16.0	2.63/66.8	36.00/16.33
	ST-200AL	2	2" - 11-1/2"	2.50/63.5	0.69/17.5	3.19/81.0	49.50/22.45
	ST-250AL	2-1/2	2-1/2" - 8"	3.38/85.9	1.06/26.9	3.94/100.1	105.00/47.63
	ST-300AL	3	3" - 8"	3.69/93.7	1.19/30.2	4.38/111.3	135.00/61.23
	ST-400AL	4	4" - 8"	4.00/101.6	1.25/31.8	5.50/139.7	199.20/90.34

	Catalog Number	Trade Size (Inches)	Dimensions in Inches/Millimeters				Weight Lbs./Kgs. Per 100
			B	C	E	F	
90°							
	ST-9038AL	3/8 flex, 1/2 hub	0.63/16.0	1.13/28.7	1.50/38.1	1.25/31.8	6.80/3.08
	ST-9050AL	1/2	0.63/16.0	1.25/31.8	1.50/38.1	1.25/31.8	6.90/3.13
	ST-9075AL	3/4	0.63/16.0	1.50/38.1	1.56/39.6	1.44/36.6	11.70/5.31
	ST-90100AL	1	0.75/19.1	1.81/45.9	1.88/47.8	1.38/35.1	18.60/8.44
	ST-90125AL	1-1/4	0.63/16.0	2.31/58.7	2.38/60.5	1.81/45.9	34.20/15.51
	ST-90150AL	1-1/2	0.63/16.0	2.63/66.8	3.19/81.0	2.44/61.9	58.50/26.54
	ST-90200AL	2	0.69/17.5	3.19/81.0	3.56/90.4	2.63/66.8	87.00/39.46

Aluminum Liquidtight ST Series Connectors with Plain Throat

For Liquidtight Flexible Metal Conduit

Suitable for use in Class I, Division 2

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.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- Compact design with small turning radius.

Standard Material

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

Certifications and Compliances

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

	Catalog Number	Trade Size (Inches)	STD Pipe Thread Size	Dimensions in Inches/Millimeters			Weight Lbs./Kgs. Per 100
				A	B	C	
Straight							
	ST-38AL	3/8 flex, 1/2 hub	1/2" - 14"	1.44/36.6	0.63/16.0	1.13/28.7	4.80/101.40
	ST-50AL	1/2	1/2" - 14"	1.44/36.6	0.63/16.0	1.25/31.8	4.50/2.04
	ST-75AL	3/4	3/4" - 14"	1.50/38.1	0.63/16.0	1.50/38.1	6.60/299
	ST-100AL	1	1" - 11-1/2"	1.63/41.4	0.75/19.1	1.81/45.9	10.20/4.63
	ST-125AL	1-1/4	1-1/4" - 11-1/2"	2.00/50.8	0.63/16.0	2.31/58.7	25.20/11.43
	ST-150AL	1-1/2	1-1/2" - 11-1/2"	2.25/57.2	0.63/16.0	2.63/66.8	36.00/16.33
	ST-200AL	2	2" - 11-1/2"	2.50/63.5	0.69/17.5	3.19/81.0	49.50/22.45
	ST-250AL	2-1/2	2-1/2" - 8"	3.38/85.9	1.06/26.9	3.94/100.1	105.00/47.63
	ST-300AL	3	3" - 8"	3.69/93.7	1.19/30.2	4.38/111.3	135.00/61.23
	ST-400AL	4	4" - 8"	4.00/101.6	1.25/31.8	5.50/139.7	199.20/90.34

	Catalog Number	Trade Size (Inches)	Dimensions in Inches/Millimeters				Weight Lbs./Kgs. Per 100
			B	C	E	F	
90°							
	ST-9038AL	3/8 flex, 1/2 hub	0.63/16.0	1.13/28.7	1.50/38.1	1.25/31.8	6.80/3.08
	ST-9050AL	1/2	0.63/16.0	1.25/31.8	1.50/38.1	1.25/31.8	6.90/3.13
	ST-9075AL	3/4	0.63/16.0	1.50/38.1	1.56/39.6	1.44/36.6	11.70/5.31
	ST-90100AL	1	0.75/19.1	1.81/45.9	1.88/47.8	1.38/35.1	18.60/8.44
	ST-90125AL	1-1/4	0.63/16.0	2.31/58.7	2.38/60.5	1.81/45.9	34.20/15.51
	ST-90150AL	1-1/2	0.63/16.0	2.63/66.8	3.19/81.0	2.44/61.9	58.50/26.54
	ST-90200AL	2	0.69/17.5	3.19/81.0	3.56/90.4	2.63/66.8	87.00/39.46