

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 |

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|---|----------------|---------------------|----------------------------------|-----------|-----------|-----------|--------------------------|
| | | | 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 |

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