

APPLETON ST LIQUIDTIGHT FLEXIBLE METAL CONDUIT CONNECTORS

**“ULTIMATE PROTECTION.”**



# A RANGE OF QUALITY-ENGINEERED CONNECTORS FOR WET AND ADVERSE ENVIRONMENTS.

Connect with Appleton's Liquidtight conduit connectors, for so many reasons. Appleton offers a complete range of liquid-tight and vibration-proof connectors for wet, challenging locations, suitable for use in Class I Division 2 Hazardous Locations. With multiple sizes and options, they're ideally suited for OEM applications, including petroleum machinery, machine shop equipment, conveyors, packaging and more. Across the board, Appleton takes quality to the next level with superior materials, machining and user-friendly innovation. These durable connectors assemble quickly and easily to stay liquid tight for the long haul. For superior protection, quality and versatility, only Appleton has all the right connections.



COMPRESSION NUT



FERRULE



BODY

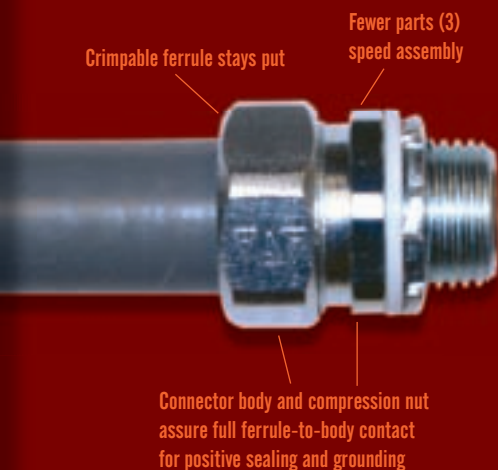


KO SEALING RING



LOCKNUT





**STRAIGHT CONFIGURATION**



**45° CONFIGURATION**



**90° CONFIGURATION**

Appleton offers a full range of Class I Division 2 Liquidtight connectors ideally suited for OEM equipment, as well as harsh and corrosive environments. With only three main parts – the body, long-throat crimpable ferrule and compression nut – Appleton ST connectors are, at minimum, 25% quicker to install than the competitor's. In addition, the breadth of Appleton's ST Liquidtight product line offers a vast range of trade sizes, configurations, and male and female versions in both aluminum and steel. For all these reasons, Appleton is the top choice whenever a secure, safe connection is paramount.

#### FEATURES:

- Seals out water, oil, dirt, dust and fumes
- Three-piece design (body, nut and ferrule) for 25% faster installation vs. competitive products
- Now includes KO sealing ring with lock nut
- Bar stock steel or malleable iron – built-in durability
- Compact design – clean OEM look
- Distinct ferrule threads – pull-out is four times greater than UL requirements
- Crimpable ferrule – secure mechanical grounding
- Decimally equivalent to conduit sizes – reduces errors and transaction costs

#### AVAILABLE OPTIONS:

- ST-AL = Aluminum
- STB = Insulated throat
- ST-L = External grounding lugs
- STB-L = Insulated throat, external grounding lugs
- STB-SR = Wire mesh strain relief
- STNSR = Insulated throat and wire mesh strain relief
- STF = Female hub
- STF-SR = Female hub and wire mesh strain relief

#### RATINGS:

- Suitable for wet locations
- UL # E14814
- CSA # 65178
- Suitable for Hazardous Locations
- Class I Div. 2 per NEC 501.10(B)(4)
- Class II Div. 1 per NEC 502.10(A)(2)
- Class II Div. 2 per NEC 502.10(B)(2)
- Class III Div. 1 per NEC 503.10(A)(2)
- Class III Div. 2 per NEC 503.10(B)(2)

#### APPLETON LIQUIDTIGHT ST CONNECTORS – BREADTH/DEPTH CHART

|                                                          |               |
|----------------------------------------------------------|---------------|
| Straight                                                 | 3/8" - 4", 5" |
| 45° & 90°                                                | 3/8" - 3", 4" |
| Aluminum (straight)                                      | 3/8" - 3", 4" |
| Insulated throat (straight)                              | 3/8" - 4", 5" |
| Insulated throat (45° & 90°)                             | 3/8" - 3", 4" |
| External ground lug (straight)                           | 3/8" - 4", 5" |
| External ground lug (45° & 90°)                          | 3/8" - 3", 4" |
| Insulated throat and external grounding lugs (straight)  | 3/8" - 4", 5" |
| Insulated throat and external grounding lugs (45° & 90°) | 3/8" - 3", 4" |
| Wire mesh strain relief (straight)                       | 3/8" - 4", 5" |
| Wire mesh strain relief (45° & 90°)                      | 3/8" - 3", 4" |
| Insulated throat and wire mesh strain relief (straight)  | 3/8" - 3"     |
| Insulated throat and wire mesh strain relief (90°)       | 3/8" - 1"     |
| Female hub & wire mesh strain relief (straight)          | 3/8" - 3"     |
| Female hub (straight)                                    | 3/8" - 3", 4" |

Our complete line of Appleton ST fittings may be viewed in catalog section ST or by visiting our website [www.egeeg.com/liquidtight](http://www.egeeg.com/liquidtight). You may also contact us at 800.621.1506 or contact your local Appleton Representative.

Appleton is our premium line of industrial electrical products under EGS Electrical Group, a division of Emerson Industrial Automation.

Emerson Industrial Automation brings integrated manufacturing solutions to diverse industries worldwide. Our comprehensive product line, extensive experience, world-class engineering and global presence enable us to implement solutions that give our customers the competitive edge.

For over 150 years, our electrical product brands have been providing a rich tradition of long-term, practical, high quality solutions with applications ranging from the construction and safe operation of petrochemical and process plants to providing quality power that precisely controls automotive robotic production.

Engineers, distributors, contractors, electricians and site maintenance professionals around the world trust Emerson Industrial Automation brands to make electrical installations safer, more productive and more reliable.

EGS is organized into three focused businesses that provide distributors and end-users expert knowledge and excellent service.

#### Electrical Construction Materials

This group manufactures a broad range of electrical products including conduit and cable fittings, plugs and receptacles, enclosures and controls, conduit bodies, and industrial lighting. Whether the application is hazardous location, industrial, or commercial, the ECM group has the products to meet your needs.

#### Power Quality Solutions

This group offers the broadest power quality line including UPS, power conditioners, voltage regulators, shielded transformers, surge suppression devices and power supplies.

#### Heating Cable Systems

This group offers a broad range of electrical heating cable products for residential, commercial, and industrial applications.

#### Electrical Construction Materials

 **Appleton**<sup>®</sup>

**O-Z/GEDNEY**

**A.T.X.**<sup>®</sup>

#### Power Quality Solutions

**SOLA**

**HEVI-DUTY**

#### Heating Cable Systems

**EASYHEAT**<sup>®</sup>

**NELSON**

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