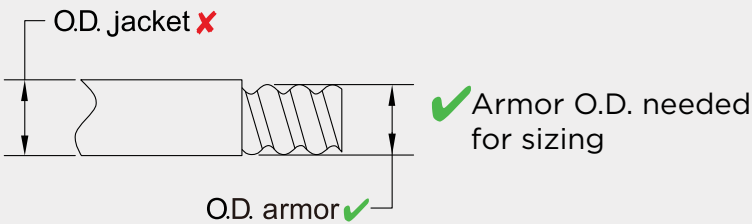


# AMERICAN CONNECTORS' BENEFITS

- Excellent Personal Customer Service
  - Direct/Drop-Ship Programs Available
  - Special/Custom Orders Available
  - Standard Stock Products are 6061 Copper-Free Aluminum
  - Optional Materials by Request: Stainless Steel, Nickel-Plated Brass
  - Environmentally Friendly by Using Recycled Aluminum, and We Recycle Unused Material
  - Manufactured in Fort Worth, Texas
  - Made in the USA
- “ALL CONNECTORS ARE NOT CREATED EQUAL.”

## CABLE SIZING DIAGRAM

Our Connectors are Custom Fit to the Outer Diameter of the Armor. Below is a Sizing Chart to Best Fit the Armor.



## Connector Sizing

| Connector Size | Armor Range Min Max | Hub Size |
|----------------|---------------------|----------|
| 044 - 050      | 0.38 - 0.44         | 1/2      |
| 050 - 050      | 0.44 - 0.50         |          |
| 056 - 050      | 0.50 - 0.56         |          |
| 062 - 050      | 0.56 - 0.62         |          |
| 062 - 075      | 0.56 - 0.62         | 3/4      |
| 069 - 075      | 0.62 - 0.69         |          |
| 076 - 075      | 0.69 - 0.76         |          |
| 083 - 075      | 0.76 - 0.83         |          |
| 090 - 075      | 0.83 - 0.90         | 1        |
| 097 - 100      | 0.90 - 0.97         |          |
| 104 - 100      | 0.97 - 1.04         |          |
| 111 - 100      | 1.04 - 1.11         |          |
| 118 - 100      | 1.11 - 1.18         | 1 1/4    |
| 125 - 125      | 1.18 - 1.25         |          |
| 132 - 125      | 1.25 - 1.32         |          |
| 139 - 125      | 1.32 - 1.39         |          |

| Connector Size | Armor Range Min Max | Hub Size |
|----------------|---------------------|----------|
| 148 - 150      | 1.39 - 1.48         | 1 1/2    |
| 157 - 150      | 1.48 - 1.57         |          |
| 166 - 150      | 1.57 - 1.66         |          |
| 175 - 200      | 1.66 - 1.75         | 2        |
| 184 - 200      | 1.75 - 1.84         |          |
| 193 - 200      | 1.84 - 1.93         |          |
| 202 - 200      | 1.93 - 2.02         |          |
| 213 - 250      | 2.02 - 2.13         | 2 1/2*   |
| 224 - 250      | 2.13 - 2.24         |          |
| 235 - 250      | 2.24 - 2.35         |          |
| 246 - 250      | 2.35 - 2.46         |          |
| 257 - 250      | 2.46 - 2.57         |          |

| Connector Size | Armor Range Min Max | Hub Size |
|----------------|---------------------|----------|
| 271 - 300      | 2.57 - 2.71         | 3*       |
| 285 - 300      | 2.71 - 2.85         |          |
| 299 - 300      | 2.85 - 2.99         |          |
| 313 - 300      | 2.99 - 3.13         |          |
| 328 - 350      | 3.13 - 3.28         | 3 1/2*   |
| 343 - 350      | 3.28 - 3.43         |          |
| 358 - 350      | 3.43 - 3.58         |          |
| 373 - 400      | 3.58 - 3.73         | 4*       |
| 388 - 400      | 3.73 - 3.88         |          |
| 403 - 400      | 3.88 - 4.03         |          |
| 418 - 400      | 4.03 - 4.18         |          |
| 433 - 400      | 4.18 - 4.33         |          |

## PART NUMBERING SYSTEM

WTUPC XXX-YYY F xx =

- Material Type
- Fine Scroll\*
- Hub Size
- Scroll Size for Fitting Cable
- Connector Style

\*Fine Scroll only applies to parts over 2" installed on interlocked armor.  
Add an "F" to part number for 2 1/2"-4" for connectors installed on interlock cable.



American Connectors

2000 Martin Luther King Freeway | Fort Worth, Texas 76104  
(800) 535-6268 Phone | (817) 536-0546 Fax

americanconnectors.com



# American Connectors

METAL-CLAD CABLE CONNECTORS

## MC Cable Connectors

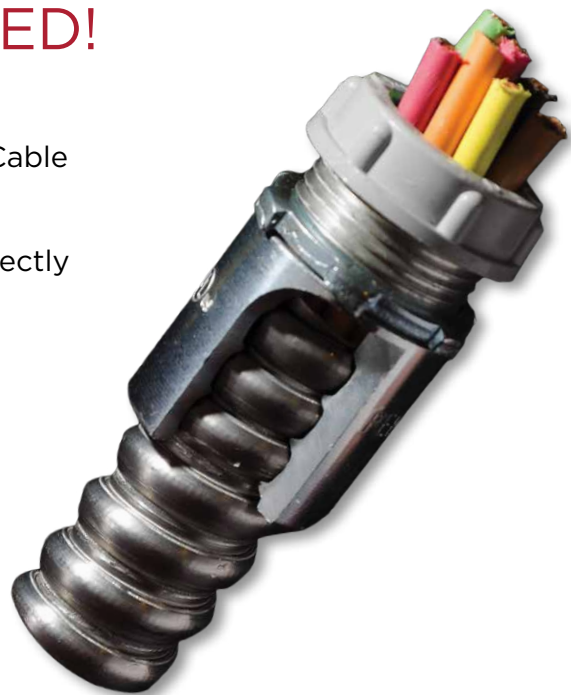
Dry | Raintight | Hazardous



# INSTALL WITH CONFIDENCE

## KNOW YOU ARE GROUNDED!

- Our Internal Scroll Design Allows for a **Hand-Tight 360-Degree Ground** 3X Around the Armor of the Cable
- **UL Tested** and Approved 100% Grounded
- Have **Confidence** the Connectors are Installed Correctly and Properly Grounded



# FAST, EASY

## AND SAFELY INSTALLED

- Easy Installation Process to the Armor Without the Hassle of Using Tools
- With the One-Piece Body, There are No Internal Components to Lose
- Our Connectors Have Been Tested to **3X** the Required UL Pull-Out Rating

# Sealant System

- **3-5X Faster Potting** vs. Spring-Style Connectors for Hazardous Locations
- Mechanical Static Mixing
- **Environmentally Safe** Two-Part Resin
  - > Our Solution is Non-Hazardous, Unlike the Competition
- Do Not Have to Mix Putty or Resin By Hand, Contractors Love the “No Mess” Process
- **Inspection & Sealant Ports** with Brass Screws
  - > Allows for Sealing After Connection
  - > Can Inspect Without Disconnecting Lead Wires



HAZ-LOC  
Installation  
Video

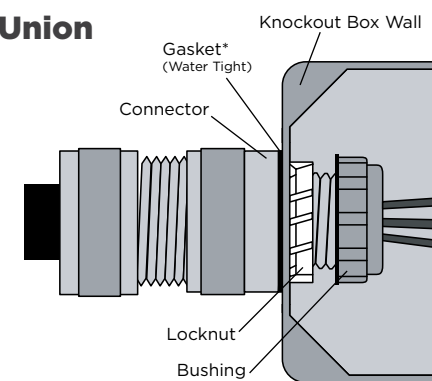
## CONNECTOR PRODUCT OFFERING

|                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>NWT</b><br/>Non Water Tight</p>               | <p><b>NWTU</b><br/>Non Water Tight Union</p>  <p><b>For Dry Locations</b></p> <ul style="list-style-type: none"> <li>• Used in Non-Threaded Entrances (NWT)</li> <li>• Used in Threaded Entrances (NWTU)</li> </ul>                                                                                                                                                                                                                                                                                                                                                              |
|  <p><b>WT</b><br/>Water Tight</p>                    | <p><b>WTU</b><br/>Water Tight Union</p>  <p><b>For Wet Locations</b></p> <ul style="list-style-type: none"> <li>• Used in Non-Threaded Entrances (WT)</li> <li>• Used in Threaded Entrances (WTU)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                     |
|  <p><b>WTPC</b><br/>Water Tight Pouring Chamber</p> | <p><b>WTUPC</b><br/>Water Tight Union Pouring Chamber</p>  <p><b>For Hazardous Locations</b></p> <ul style="list-style-type: none"> <li>• Used in Non-Threaded Entrances (WTPC)</li> <li>• Used in Threaded Entrances (WTUPC)</li> <li>• Sealant System is Used With These Connectors</li> <li>• External Sealant Inspection Method</li> </ul> <p> Class I, Division 1 and Division 2, Group A, B, C &amp; D<br/>Class II, Division 1 and Division 2, Group E, F &amp; G<br/>Class III</p> |

## NON-UNION VS. UNION

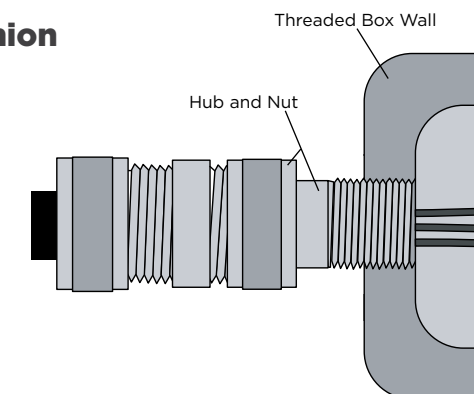
The Non-Union Parts are Secured With a Locknut into a Knockout Hole in a Panel or Box: NWT, WT, WTPC.

### Non-Union



The Union Parts Use a Union to Thread into an Entrance With a Removable Hub: NWTU, WTU, WTUPC.

### Union



UL Listed — approved and used by major oil companies, paper mills, chemical plants, utility plants and other commercial and industrial facilities.

UL File #s E107930 & E1050924

