



Barr-C (Aluminum) Explosion Proof Gland (424CU series)

SUITABLE FOR MC ARMORED CABLES (CLASS I, DIV 2 LOCATIONS)

Features and benefits:

- Fast, easy installation
- Large sealing range
- Space and weight savings
- Tested to UL and CSA standards
- For Class I & II Division 2 and Class III Divisions 1 & 2 applications

Technical Information:

- Suitable for type MC interlocking armored cables – category CYMX
- 6082-T6 aluminum outer components with bright autocatalytic nickel coated brass inner parts

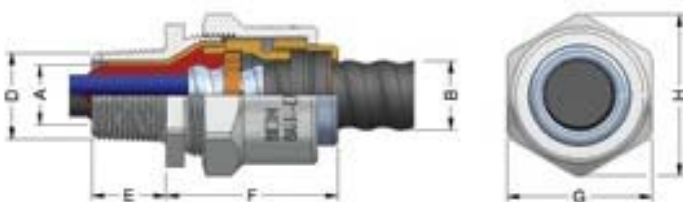
Connector listed as follows:

½" to 3 ½" CSA Class I groups ABCD, Class II Groups EFG, Class III
 ½" and ¾" UL Class I groups ABCD (Div 2); Class II Groups FG (Div 2), Class III
 1" to 3 ½" UL Class I groups CD (Div 2); Class II Groups FG (Div 2), Class III

- Compound forms barrier around individual cores, so preventing migration of gases through the center of the cable
- For use in most climatic conditions, rated to IP66 for wet locations
- For use with explosion proof equipment in Zone 1 and 2 hazardous areas and for Class I, Div 1 and 2 applications
- Equivalent European designs available: Approved to European & IECEx standards
- Full installation instructions supplied

Specifications

| Gland Reference | | Cable Dimensions Accommodated | | | | Gland Dimensions | | | | Weight |
|------------------|------------------|-------------------------------|-------|---------------|-------|------------------|-----------------------|---------------------|---------|--------|
| Design Reference | Hub Size NPT (D) | Over Armor (A) | | Overall Ø (B) | | Hub Length (E) | Protrusion Length (F) | Hexagon or Diameter | | lbs |
| | | Min | Max | Min | Max | | | A/F (G) | A/C (H) | |
| 424CU-02 | ½" | 0.30" | 0.57" | 0.35" | 0.63" | 0.85" | 1.85" | 1.42" | 1.57" | 0.50 |
| 424CU-03 | ¾" | 0.47" | 0.68" | 0.51" | 0.76" | 0.86" | 2.08" | 1.67" | 1.89" | 0.50 |
| 424CU-04 | 1" | 0.63" | 0.94" | 0.67" | 1.05" | 1.07" | 2.08" | 1.86" | 2.11" | 0.75 |
| 424CU-05 | 1 ¼" | 0.83" | 1.14" | 0.97" | 1.30" | 1.10" | 2.16" | 2.22" | 2.42" | 1.25 |
| 424CU-15 | 1 ½" | 0.83" | 1.14" | 0.97" | 1.30" | 1.11" | 2.16" | 2.22" | 2.42" | 1.30 |
| 424CU-06 | 2" | 1.02" | 1.54" | 1.14" | 1.65" | 1.15" | 2.32" | 2.76" | 3.04" | 1.75 |
| 424CU-07 | 2 ½" | 1.48" | 2.00" | 1.61" | 2.10" | 1.70" | 2.24" | 3.15" | 3.44" | 2.25 |
| 424CU-08 | 3" | 1.81" | 2.26" | 1.96" | 2.44" | 1.76" | 2.83" | 3.89" | 4.30" | 4.25 |
| 424CU-09 | 3 ½" | 2.16" | 2.81" | 2.32" | 2.94" | 1.81" | 2.91" | 4.18" | 4.50" | 5.50 |



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