

# Barr-C (Aluminum)

## 424CU series



**The Barr-C is an explosion proof gland suitable for metal clad cables which aids the control of migrating gases in hazardous and industrial cables.**

### 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



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## 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 centre 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

