

Barr-A (Aluminum)

424UN Series



The Barr-A is an aluminum explosion proof gland suitable for tray cables which aids the control of migrating gases and is the best choice for when the highest level of hazard protection is required.

Features and benefits:

- Fast, easy installation
- Large sealing range
- Space and weight saving
- Tested to UL and CSA standards
- UL Listed for Class 1, division 1 & 2 Applications
- Suitable for unarmoured tray cables - TC-ER-HL & TC-ER

NEW

NOW
UL CLASS 1 DIV1
For
TC-ER-HL Cable



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
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www.powerandcables.com



Technical Information:

- Suitable for unarmored tray cables – category TC-ER-HL & TC-ER
- Aluminum construction with nickel plated brass inner components

Connector listed as follows:

½" to 3 ½" CSA Class I groups ABCD, Class II Groups EFG, Class III

½ to 1 ½, UL Class I groups ABCD (Div 1) with TC-ER-HL cable (up to 1 inch); 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 & 2 applications
- Equivalent European designs available: Approved to European & IECEx standards
- Full installation instructions supplied

Specifications

Gland Reference		Cable Dimensions Overall Ø (B)			Gland Dimensions			Weight
Design Reference	Hub Size NPT (D)	Min	Max	Hub Length (E)	Protrusion Length (F)	Hexagon		lbs
						A/F (G)	A/C (H)	
424UN-02	½"	0.35"	0.62"	0.85"	1.85"	1.42"	1.57"	0.5
424UN-03	¾"	0.51"	0.76"	0.86"	1.96"	1.67"	1.89"	0.5
424UN-04	1"	0.67"	1.06"	1.07"	2.08"	1.86"	2.11"	0.75
424UN-05	1 ¼"	0.95"	1.26"	1.10"	2.16"	2.22"	2.42"	1.25
424UN-15	1 ½"	0.95"	1.26"	1.11"	2.16"	2.22"	2.42"	1.25
424UN-06	2"	1.14"	1.65"	1.15"	2.32"	2.76"	3.04"	1.75
424UN-07	2 ½"	1.61"	2.08"	1.70"	2.24"	3.15"	3.44"	2.25
424UN-08	3"	1.96"	2.42"	1.76"	2.83"	3.89"	4.30"	4.25
424UN-09	3 ½"	2.15"	2.91"	1.81"	2.91"	4.18"	4.50"	5.5

