



Barr-A

Explosion Proof Gland (424BT Series)

SUITABLE FOR UNARMORED TRAY CABLES CATEGORY TC-ER & TC-ER-HL

Features and benefits:

- Fast, easy installation
- Large sealing range
- Space and weight savings
- Tested to UL and CSA standards

Technical Information:

- Suitable for unarmored tray cables – category TC-ER & TC-ER-HL
- Brass construction with bright autocatalytic nickel coated hub
- Optional bright autocatalytic nickel coating of all brass parts. Add suffix "V" to reference

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 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 Overall Ø (B)			Gland Dimensions				Weight
Design Reference		Hub Size NPT (D)	Min	Max	Hub Length (E)	Protrusion Length (F)	Hexagon		lbs
Standard	Nickel Plated						A/F (G)	A/C (H)	
424BT-02	424BT-02 V	½"	0.35"	0.62"	0.85"	1.85"	1.42"	1.57"	0.66
424BT-03	424BT-03 V	¾"	0.51"	0.76"	0.86"	1.96"	1.67"	1.89"	0.88
424BT-04	424BT-04 V	1"	0.67"	1.06"	1.07"	2.08"	1.86"	2.11"	1.10
424BT-05	424BT-05 V	1 ¼"	0.95"	1.26"	1.10"	2.16"	2.22"	2.42"	1.76
424BT-15	424BT-15 V	1 ½"	0.95"	1.26"	1.11"	2.16"	2.22"	2.42"	2.09
424BT-06	424BT-06 V	2"	1.14"	1.65"	1.15"	2.32"	2.76"	3.04"	2.87
424BT-07	424BT-07 V	2 ½"	1.61"	2.08"	1.70"	2.24"	3.15"	3.44"	4.08
424BT-08	424BT-08 V	3"	1.96"	2.42"	1.76"	2.83"	3.89"	4.30"	6.64
424BT-09	424BT-09 V	3 ½"	2.15"	2.91"	1.81"	2.91"	4.18"	4.50"	8.36

