

Barr-DX 424UL Series



The Barr-DX is a brass explosion proof gland suitable for un-jacketed marine shipboard cable with braid armor which aids the control of migrating gases and is the best choice when the highest level of hazardous protection is required.

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 unjacketed marine shipboard cables – category FDLW
- Brass construction with bright autocatalytic nickel coated hub
- Optional bright autocatalytic nickel coating of exposed brass parts, add suffix 'V' to reference

Connector listed as follows:

½" and ¾" Class I groups ABCD, Class II Groups EFG

1" to 3 ½" Class I Groups CD, Class II Groups EFG

- Compound forms barrier around individual cores, preventing migration of gases through the centre of the cable
- Full installation instructions supplied

Specifications

Gland Reference		Cable Dimensions Accommodated				Gland Dimensions				Weight
Design Reference		Hub Size NPT (D)	Under Braid Ø (A)		Braid Wire Ø	Hub Length (E)	Protrusion Length (F)	Hexagon		lbs
Standard	Fully Plated		Min	Max				A/F (G)	A/C (H)	
424UL-01	424UL-01V	½"	-	0.49"	0.007/0.012"	0.85"	1.26"	1.20"	1.34"	0.45
424UL-02	424UL-02V	¾"	-	0.49"	0.007/0.012"	0.86"	1.26"	1.20"	1.34"	0.5
424UL-03	424UL-03V	1"	0.46"	0.70"	0.007/0.018"	1.07"	1.30"	1.48"	1.66"	0.7
424UL-04	424UL-04V	1 ¼"	0.67"	0.98"	0.012/0.018"	1.10"	1.36"	1.86"	2.11"	1.1
424UL-05	424UL-05V	1 ½"	0.94"	1.24"	0.012/0.018"	1.11"	1.42"	2.22"	2.42"	2.2
424UL-06	424UL-06V	2"	1.18"	1.63"	0.012/0.018"	1.15"	1.61"	2.76"	3.04"	2.5
424UL-07	424UL-07V	2 ½"	1.57"	2.12"	0.012/0.018"	1.70"	1.61"	3.15"	3.44"	4.4
424UL-08	424UL-08V	3"	2.09"	2.57"	0.012/0.018"	1.76"	1.85"	3.89"	4.30"	5.7
424UL-09	424UL-09V	3 ½"	2.36"	2.91"	0.012/0.018"	1.81"	2.00"	4.53"	4.96"	7.75
424UL-12	424UL-12V	¾"	0.46"	0.70"	0.007/0.018"	0.86"	1.30"	1.48"	1.66"	0.7
424UL-15	424UL-15V	1"	0.67"	0.98"	0.012/0.018"	1.07"	1.36"	1.86"	2.11"	1.1

