



Barr-X

Explosion Proof Gland (424AN Series)

SUITABLE FOR JACKETED MARINE SHIPBOARD CABLES - CATEGORY FDLW

Features and benefits:

- Fast, easy installation
- Large sealing range
- Space and weight savings
- Tested to UL and CSA standards
- For Class I, II & III Division 1 & 2 applications
- Accepted by 'American Bureau of Shipping' and 'Lloyds Register'

Technical Information:

- Suitable for jacketed marine shipboard cables – category FDLW
- Standard Product = Brass construction with bright autocatalytic nickel coated hubs as shown below

Connector listed as follows:

½" to 3 ½" CSA Class I Groups ABCD, Class II Groups EFG, Class III Type 4X when used with armored and sheathed rig cable
 ½" and ¾" UL Class I Groups ABCD, Class II Groups EFG
 1" to 3 ½" UL Class I Groups CD, Class II Groups EFG

- Service temperature range -60°C to +90°C
- 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
- 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)	Under Braid Ø (A)		Braid Wire Ø	Over Jacket Ø (B)		Hub Length (E)	Protrusion Length (F)	Hexagon		lbs
		Min	Max		Min	Max			A/F (G)	A/C (H)	
424AN-01	½"	-	0.45"	0.008/0.012"	0.32"	0.62"	0.85"	2.40"	1.20"	1.34"	0.50
424AN-02	¾"	-	0.49"	0.008/0.012"	0.46"	0.82"	0.86"	2.28"	1.20"	1.34"	0.55
424AN-03	1"	0.45"	0.70"	0.008/0.018"	0.67"	1.07"	1.07"	2.20"	1.48"	1.66"	0.80
424AN-04	1 ¼"	0.67"	0.98"	0.012/0.018"	0.75"	1.32"	1.10"	2.72"	1.86"	2.11"	1.25
424AN-05	1 ½"	0.94"	1.24"	0.012/0.018"	1.04"	1.57"	1.11"	2.76"	2.22"	2.42"	2.50
424AN-06	2"	1.18"	1.63"	0.012/0.018"	1.41"	2.07"	1.15"	3.15"	2.76"	3.04"	2.75
424AN-07	2 ½"	1.57"	2.12"	0.012/0.018"	1.83"	2.57"	1.70"	3.31"	3.15"	3.44"	4.80
424AN-08	3"	2.09"	2.57"	0.012/0.018"	2.28"	3.07"	1.76"	3.58"	3.89"	4.30"	6.25
424AN-09	3 ½"	2.36"	2.91"	0.012/0.018"	2.67"	3.46"	1.81"	3.98"	4.53"	4.96"	8.60
424AN-10	½"	-	0.45"	0.008/0.018"	0.46"	0.82"	0.85"	2.28"	1.20"	1.34"	0.60
424AN-12	¾"	0.45"	0.70"	0.008/0.018"	0.67"	1.07"	0.86"	2.24"	1.48"	1.66"	0.80
424AN-15	1"	0.67"	0.98"	0.012/0.018"	0.75"	1.32"	1.07"	2.72"	1.86"	2.11"	1.25

