

Barr-X

424AN Series



The Barr X is an explosion proof gland suitable for jacketed marine shipboard cables with braid armor which aids the control of migrating gases and is the best choice when the highest level of 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 & III Division 1 & 2 applications
- Accepted by 'American Bureau of Shipping' and 'Lloyds Register'



Thorne & Derrick
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Technical Information:

- Suitable for jacketed marine shipboard cables – category FDLW
- Brass construction with bright autocatalytic nickel coated hubs

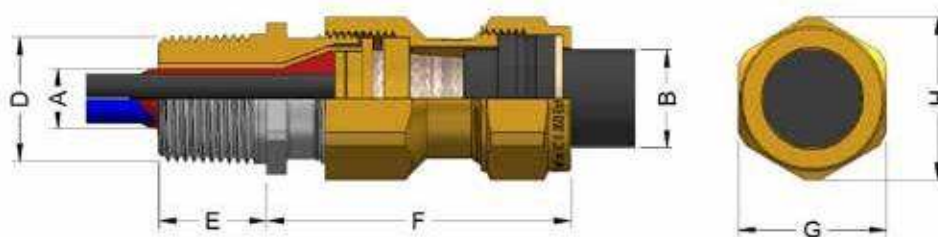
Connector listed as follows:

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 centre 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



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