

NAVF series cable glands, with a female threaded outlet fitting, are suitable for use in areas with the risk of explosion, allowing the direct insertion of non-armoured cables in explosion proof enclosures, light fixtures, outlets, plugs, etc. Their structure makes them suitable for environments which are particularly difficult, such as marine environments, or where there are subjected to the mechanical stresses and impacts which often occur in heavy industry, where safety is the utmost priority. They are supplied with a sealing ring which is stretched over the cable at the inlet, ensuring 'Ex d' execution and an IP66/68 protection rating. The result is a cable gland which provides maximum performance, long-term reliability and safety, is compatible with a wide range of the main, commercially available cables, and complies with the most recent applicable regulations.


Classification:
 2014/34/EU

Group II
Category 2GD/3G
Installation:
 EN 60079-14

zone 1 - zone 2 (Gas)
zone 21 - zone 22 (Dust)
Marking:
CE 0722 Ex II 2 GD - Ex db IIC Gb - Ex eb IIC Gb
 II 2 D - Ex tb IIC Db
 II 3G Ex nR IIC Gc - IP66/68

Certification:
ATEX (category 2): IMQ 17 ATEX 016X

ATEX (category 3): IMQ 17 ATEX 017X

IEC Ex IECEx IMQ 17.0010X

 All IEC Ex and TR CU
 certification data can be
 downloaded at
www.cortemgroup.com
TR CU AVAILABLE

Standards:

 CENELEC EN 60079-0: 2012+A11:2013, EN 60079-1: 2016, EN
 60079-7: 2015, EN 60079-15: 2012, EN 60079-31: 2015 and
 EUROPEAN DIRECTIVE 2014/34/EU
 IEC60079-0: 2011 IEC60079-1: 2014 IEC60079-7: 2015
 IEC60079-15: 2015 IEC60079-31: 2013
 RoHS Directive 2002/95/EC

Operating temperature:
-60 °C +130 °C
Protection rating:
IP66/68 (30 meters - 12 hours)
Design
BS 6121: Part 1:1989, IEC 62444, EN 62444

 Certificates are available on www.cortemgroup.com

Interactive Point


[NAVF.. assembly instructions video](#)

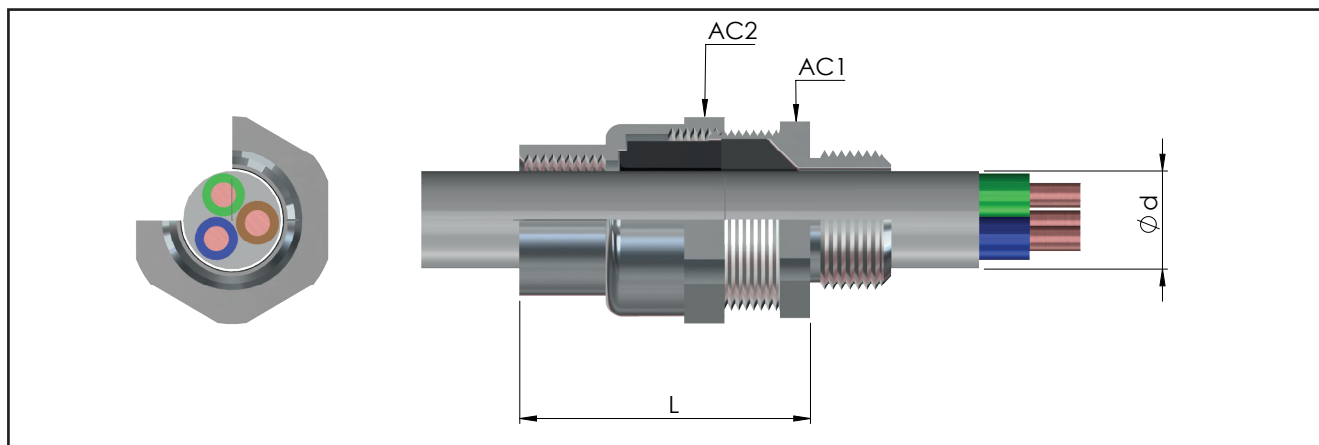
ACCESSORIES UPON REQUEST

Locknuts		ISO thread	Nickel-plated brass	Galvanized steel	Stainless steel	Sealing ring for flat/healing cables
	M16x1,5	DL01IB	DL01IG	DL01IS		
	M20x1,5	DL1IB	DL1IG	DL1IS		
	M25x1,5	DL2IB	DL2IG	DL2IS		
	M32x1,5	DL3IB	DL3IG	DL3IS		
	M40x1,5	DL4IB	DL4IG	DL4IS		
	M50x1,5	DL5IB	DL5IG	DL5IS		
	M63x1,5	DL6IB	DL6IG	DL6IS		
	M75x1,5	DL7IB	DL7IG	DL7IS		
	M90x1,5	DL8IB	DL8IG	DL8IS		
M100x1,5	DL10IB	DL10IG	DL10IS	Code and dimensions are in the page pagina A.12		
M115x1,5	DL115IB	DL115IG	DL115IS			

Nickel-plated brass earthing rings	ISO thread	Nickel-plated brass	Stainless steel	Serrated stainless steel lock washers	Code	Adapters and reducers of the RE... series
	M16x1,5	A0131B	A0131S		RD101IS/A4	
	M20x1,5	A1311IB	A1311IS		RD11IS/A4	
	M25x1,5	A2312IB	A2312IS		RD12IS/A4	
	M32x1,5	A3313IB	A3313IS		RD13IS/A4	
	M40x1,5	A4314IB	A4314IS		RD14IS/A4	
	M50x1,5	A5315IB	A5315IS		RD15IS/A4	
	M63x1,5	A6316IB	A6316IS		RD16IS/A4	
	M75x1,5	A731B	A731S			
	M90x1,5	A831B	A831S			
	M100x1,5	A103110IB	A103110IS			
M115x1,5	A1031B	A1031S				

* For different threads, contact the sales department.

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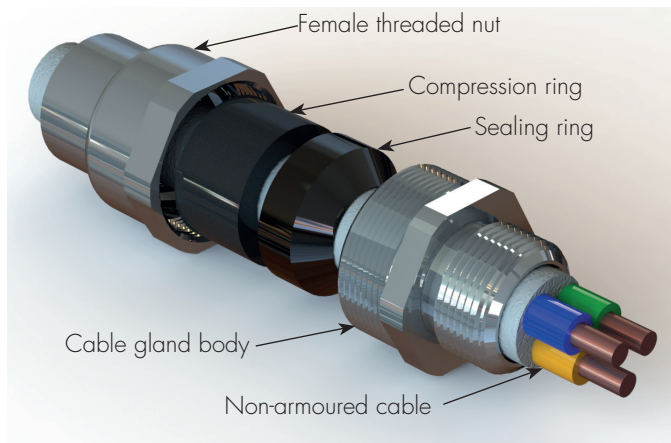
CABLE GLAND SELECTION TABLE

Code Nickel-plated brass	Thread	Code Nickel-plated brass	Thread	Dimensions in mm			Range Ød min-max Outer sheath of the cable	Weight Kg
				AC1	AC2	L		
NAVF01NB	3/8" NPT	NAVF16IB	M16x1,5	24	24	53	3.5 - 8.6	0,107
NAVF1SNB	1/2" NPT	NAVF20SIB	M20x1,5	24	26	53	6.3 - 11.6	0,120
NAVF1NB	1/2" NPT	NAVF20IB	M20x1,5	30	32	56	6.5 - 14	0,155
NAVF2NB	3/4" NPT	NAVF25IB	M25x1,5	36	38	56	11 - 20	0,212
NAVF3NB	1" NPT	NAVF32IB	M32x1,5	45	47	59	17 - 27	0,276
NAVF4NB	1 1/4" NPT	NAVF40IB	M40x1,5	50	52	59	22 - 32	0,365
NAVF5SNB	1 1/2" NPT	NAVF50SIB	M50x1,5	55	57	63	29.5 - 38	0,482
NAVF5NB	2" NPT	NAVF50IB	M50x1,5	62/60*	62	63	35.5 - 44	0,428
NAVF6SNB	2" NPT	NAVF63SIB	M63x1,5	68	77	74	40 - 50	0,981
NAVF6NB	2 1/2" NPT	NAVF63IB	M63x1,5	75/73*	77	75	47 - 56	0,741
NAVF7SNB	2 1/2" NPT	NAVF75SIB	M75x1,5	80	82	77	53 - 62	0,835
NAVF7NB	3" NPT	NAVF75IB	M75x1,5	90/85*	90	78	59 - 68	0,934
NAVF8NB	3" NPT	NAVF90IB	M90x1,5	100	110	88	66 - 79	1,883
NAVF9NB	3 1/2" NPT	NAVF100IB	M100x1,5	115	120	92	76 - 91	1,993
NAVF10NB	4" NPT	NAVF115IB	M115x1,5	120	130	92	86 - 98	2,332

* Dimensions with threaded: NPT / ISO

Sample order code

NAVF	6	N	B
MODEL	SIZE	THREAD	MATERIAL



TECHNICAL NOTES:

- Silicone o-rings are supplied for cylindrical threads (ISO metric) for the pre-assembled IP seal on the cable gland
- The ISO7/1 thread version is available upon request (sample code NAVF1B)
- Also available in stainless steel AISI 316 (sample code NAVF1S)
- Other materials on request
- For "Ex i" intrinsic safety version, RAL 5015 blue nut (sample code NAVF1IA)