

NAV series cable glands are suitable for use in hazardous areas with danger of explosion to enable direct insertion of non-armoured cables into explosion-proof junction boxes, lighting fixtures, plugs and sockets, etc. Thanks to their structure, they are particularly suitable both in harsh application, such as marine one, and places subjected to stress and mechanical shock as it often happens in all those places of the "heavy" industry where safety is a top priority. They are provided with one sealing ring which tightens the incoming cable ensuring the 'Ex d' way of protection and the IP 66/68. The result is a cable gland which provides maximum performance in terms of reliability and safety over time, is compatible with a wide range of the main, commercially available cables, and complies with the most recent applicable regulations.



Interactive Point



[NAV.. assembly instructions video](#)

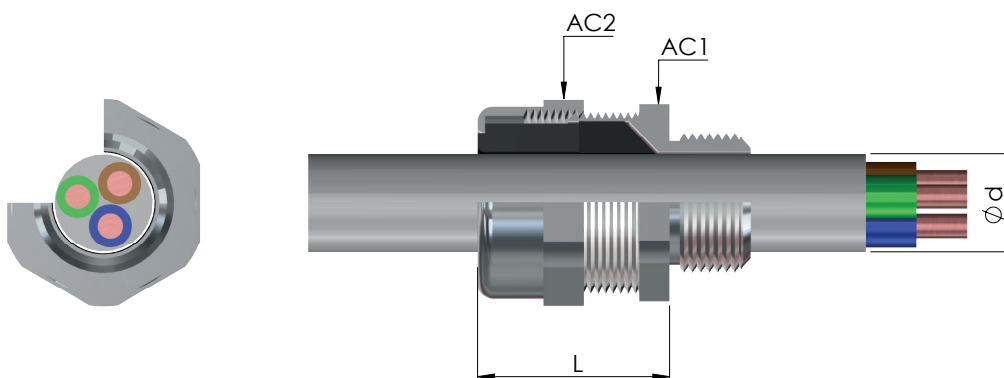
Classification: 2014/34/EU	Group II	Category 2GD/3G
Installation: EN 60079.14	zone 1 - zone 2 (Gas)	zone 21 - zone 22 (Dust)
Marking:	CE 0722 Ex II 2 GD - Ex db IIC Gb - Ex eb IIC Gb II 2 D - Ex tb IIIC Db II 3G Ex nR IIC Gc - IP66/68	
Certification:	ATEX (category 2): IMQ 17 ATEX 016X	
	ATEX (category 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

ACCESSORIES UPON REQUEST

Locknuts	ISO thread	Nickel-plated brass	Galvanized steel	Stainless steel	Black TPV protector	Cableglands	Code
	M16x1,5	DL01IB	DL01IG	DL01IS		NAV01NB	NAV16IB PGA1F
	M20x1,5	DL11IB	DL11IG	DL11IS		NAV1SNB	NAV20SIB PGA1N
	M25x1,5	DL21IB	DL21IG	DL21IS		NAV1NB	NAV20IB PGA1
	M32x1,5	DL31IB	DL31IG	DL31IS		NAV2NB	NAV25IB PGA2N
	M40x1,5	DL41IB	DL41IG	DL41IS		NAV3NB	NAV32IB PGA4
	M50x1,5	DL51IB	DL51IG	DL51IS		NAV4NB	NAV40IB PGA4
	M63x1,5	DL61IB	DL61IG	DL61IS		NAV5SNB	NAV50SIB PGA5
	M75x1,5	DL71IB	DL71IG	DL71IS		NAV5NB	NAV50IB PGA5N
	M90x1,5	DL81IB	DL81IG	DL81IS		NAV6SNB	NAV63SIB PGA6
	M100x1,5	DL10IB	DL10IG	DL10IS		NAV6NB	NAV63IB PGA6
	M115x1,5	DL115IB	DL115IG	DL115IS		NAV7SNB	NAV75SIB PGA7
	M16x1,5	A0131B	A0131S	RD101S/A4		NAV7NB	NAV75IB
	M20x1,5	A1311B	A1311S	RD11S/A4		NAV8NB	NAV90IB
	M25x1,5	A2312B	A2312S	RD12S/A4		NAV9NB	NAV100IB
	M32x1,5	A3313B	A3313S	RD13S/A4		NAV10NB	NAV115IB
	M40x1,5	A4314B	A4314S	RD14S/A4			GTR7 Heat shrinkable
	M50x1,5	A5315B	A5315S	RD15S/A4			
	M63x1,5	A6316B	A6316S	RD16S/A4			
	M75x1,5	A731B	A731S				
	M90x1,5	A831B	A831S				
	M100x1,5	A10310IB	A10310IS				
	M115x1,5	A1031B	A1031S				

* For different threads, contact the sales department.



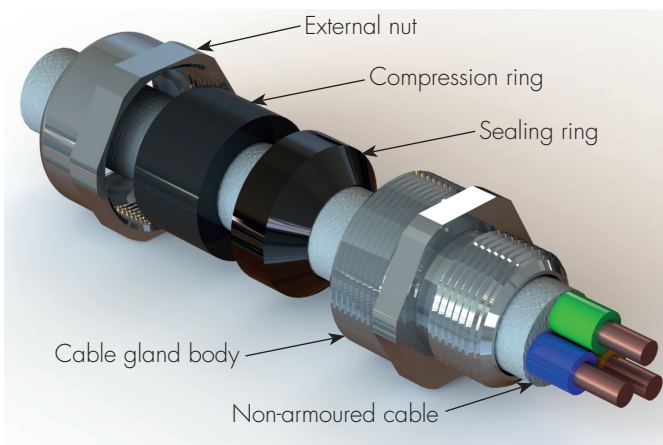
CABLE GLAND SELECTION TABLE

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		
NAV01NB	3/8" NPT	NAV16IB	M16x1,5	24	24	34	3.5 - 8.6	0,086
NAV1SNB	1/2" NPT	NAV20SIB	M20x1,5	24	26	34	6.3 - 11.6	0,093
NAV1NB	1/2" NPT	NAV20IB	M20x1,5	30	32	37	6.5 - 14	0,126
NAV2NB	3/4" NPT	NAV25IB	M25x1,5	36	38	37	11 - 20	0,153
NAV3NB	1" NPT	NAV32IB	M32x1,5	45	47	40	17 - 27	0,232
NAV4NB	1 1/4" NPT	NAV40IB	M40x1,5	50	52	40	22 - 32	0,295
NAV5SNB	1 1/2" NPT	NAV50SIB	M50x1,5	55	57	43	29.5 - 38	0,374
NAV5NB	2" NPT	NAV50IB	M50x1,5	62/60*	62	43	35.5 - 44	0,329
NAV6SNB	2" NPT	NAV63SIB	M63x1,5	68	77	51	40 - 50	0,753
NAV6NB	2 1/2" NPT	NAV63IB	M63x1,5	75/73*	77	52	47 - 56	0,732
NAV7SNB	2 1/2" NPT	NAV75SIB	M75x1,5	80	82	55	53 - 62	0,714
NAV7NB	3" NPT	NAV75IB	M75x1,5	90/85*	90	56	59 - 68	0,627
NAV8NB	3" NPT	NAV90IB	M90x1,5	100	110	59	66 - 79	1,384
NAV9NB	3 1/2" NPT	NAV100IB	M100x1,5	115	120	62	76 - 91	1,316
NAV10NB	4" NPT	NAV115IB	M115x1,5	120	130	62	86 - 98	1,937

* Dimensions with threaded: NPT / ISO

Sample order code

NAV	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 NAV1B)
- Also available in stainless steel AISI 316 (sample code NAV1S)
- Other materials on request
- For "Ex i" intrinsic safety version, RAL 5015 blue nut (sample code NAV1IA)