



A2

A2 Single Seal Industrial Cable Gland

For all types of Unarmoured & Braided Cables

- High quality durable materials
- Robust, heavy duty design
- Displacement type seal
- Deluge protected
- -60°C to +130°C (standard), -20°C to 200°C (ThermIn option page 91)



TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Cable Anchorage = Class B
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
CSA Certificate	1211841
Code of Protection	Enclosure Type 4X
Marine Approvals	LRS: 01/00171 (E1), ABS: 16-LD1472056-PDA
GOST R Certificate	POCC GB.AT35.H00102
Ingress Protection Rating**	IP66, IP67 & IP68***
Deluge Protection Compliance	DTS01 : 91
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Thermoset Rubber
Cable Type	Unarmoured & Braided when terminated inside enclosure
Sealing Technique	CMP Unique Displacement Seal Concept
Sealing Area(s)	Cable Outer Sheath

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

** When CMP installation accessories are used. Refer to page 7 or www.cmp-products.com for further information.

*** IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request

Cable Gland Selection Table

Refer to illustration at the top of the page.

Cable Gland Size	Available Entry Threads "C" (Alternate Thread Lengths Available)		Overall Cable Diameter "A"		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Metric	Thread Length "E"	Min	Max				Size	Type	Ordering Suffix		
20S16	M20	10.0	3.2	8.7	24.0	26.4	25.1	20S16	A2	1RA	PVC04	0.070
20S	M20	10.0	6.1	11.7	24.0	26.4	25.1	20S	A2	1RA	PVC04	0.060
20	M20	10.0	6.5	14.0	27.0	29.7	27.2	20	A2	1RA	PVC05	0.070
25	M25	10.0	11.1	20.0	36.0	39.6	35.5	25	A2	1RA	PVC09	0.130
32	M32	10.0	17.0	26.3	41.0	45.1	34.2	32	A2	1RA	PVC10	0.150
40	M40	15.0	23.5	32.2	50.0	55.0	35.1	40	A2	1RA	PVC13	0.200
50S	M50	15.0	31.0	38.2	55.0	60.5	32.0	50S	A2	1RA	PVC15	0.260
50	M50	15.0	35.6	44.0	60.0	66.0	36.3	50	A2	1RA	PVC18	0.270
63S	M63	15.0	41.5	49.9	70.5	77.6	33.5	63S	A2	1RA	PVC21	0.430
63	M63	15.0	47.2	55.9	75.0	82.5	35.8	63	A2	1RA	PVC23	0.460
75S	M75	15.0	54.0	61.9	84.0	92.4	34.2	75S	A2	1RA	PVC24	0.520
75	M75	15.0	61.1	67.9	84.0	92.4	40.6	75	A2	1RA	PVC24	0.500
90	M90	24.0	66.6	79.9	108.0	118.8	58.3	90	A2	1RA	PVC31	1.600
100	M100	24.0	76.0	91.0	123.0	135.3	55.2	100	A2	1RA	LSF33	1.780
115	M115	24.0	86.0	97.9	133.4	146.7	65.2	115	A2	1RA	LSF34	2.670
130	M130	24.0	97.0	114.9	152.4	167.6	73.9	130	A2	1RA	LSF35	3.800

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass 'S'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'

Examples: 20A21RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated