

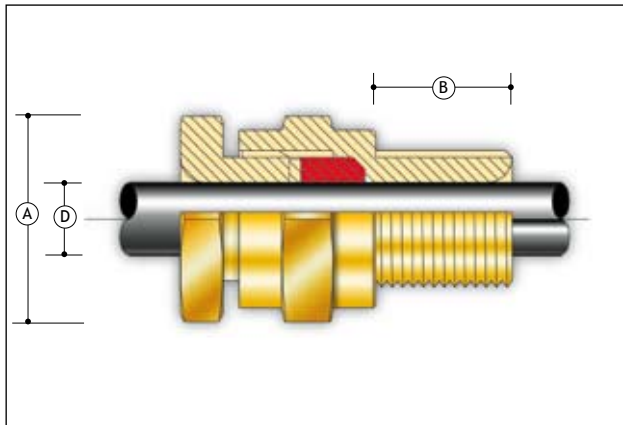
Cable Gland:- Type A2L



Part of our Industrial Gland Range
 2006 Catalogue Page 6.1.0

A2L type glands provide a single pull resistant seal on the outer sheath of unarmoured cable. A2L type glands maintain IP66, IP68 to 25 metres.

DESIGN STANDARD	BS EN 50262: 1999	
GLAND MARKING	Example: A2L [size] [thread] PCGL (or Peppers)	
INGRESS PROTECTION	IP66 and IP68 @ 25 metres	
MATERIALS	Brass CZ121 (A2L) 316 Stainless Steel (A2LS) Aluminium Alloy (A2LA) Outer sheath seal material: Standard (A2L) Neoprene, black. Option (A3L) Silicone, white.	
VARIATIONS	For lead sheath cables the gland is fitted with a metallic continuity washer: Brass (A4L); 316 Stainless Steel (A4LS)	
OPTIONS	THREADS	ISO Metric; NPT; NPS; ISO Pipe Thread (BSP Taper, BSP Parallel); PG
	SEALS	Extended operating temperature -60°C to +180°C, halogen free versions: Brass (A4L); 316 Stainless Steel (A4LS)
	PLATING	Zinc (ZP); Nickel (NP); Tin (TP); Electroless Nickel (EN)
OPERATING TEMPERATURES	Standard Seals -20°C to +85°C Silicone Seals - 60°C to +200°C	
ACCESSORIES	Locknut - Brass (ACBLN); 316 Stainless Steel (ACSLN); Aluminium (ACALN) Earth Tag - Brass (ACBET), 316 Stainless Steel (ACSET); Aluminium (ACAET) IP Washer - Nylon (ACNSW); Red Fibre (ACFSW) Serrated Lock Washer - 316 Stainless Steel (ACSSW), Galvanised Steel (ACGSW) Shroud - PVC (ACSPVC); PCP (ACSPCP); Low Smoke Zero Halogen (ACSSIO) Gland and accessory kits: K1 - includes gland, locknut and PVC shroud	
EXAMPLE PART NUMBER	Sample: A2L K1/ZP/20S/M20 A2L: A*L - Gland type and body material (Brass) *2* - Seal material (Neoprene) K1 - Supplied complete with accessories (PVC Shroud) ZP - Zinc plating 20s - Gland size with regards to cable acceptance range M20 - Entry thread	



Gland Size	Entry Threads		Entry Thread Length [B]	Max Across Corners [A]	Max Protrusion Length	Gland Seal Range Cable Outer/Lead Sheath [D]		Shroud Size
	Metric	NPT/BSP				Min	Max	
20s	M20	1/2" or 3/4"	116	28.0	33.0	7.2	11.7	L24
20	M20	1/2" or 3/4"	16	33.0	33.0	9.6	14.0	L30
25	M25	3/4" or 1"	16	41.4	33.0	13.5	20.0	L38
32	M32	1" or 1 1/4"	16	50.6	33.0	19.5	26.3	L46
40	M40	1 1/4" or 1 1/2"	16	60.5	37.0	23.0	32.2	L55
50s	M50	1 1/2" or 2"	16	71.5	37.0	28.2	38.2	L65
50	M50	2"	16	71.5	37.0	33.2	44.1	L65
63s	M63	2" or 2 1/2"	19	88.0	37.0	39.3	50.1	L80
63	M63	2 1/2"	19	88.0	37.0	46.7	56.0	L80
75s	M75	2 1/2" or 3"	19	99.0	37.0	52.3	62.0	L90
75	M75	3"	19	99.0	37.0	58.1	68.0	L90
80	M80 x 2	3" or 3 1/2"	25	115.2	50.0	62.3	72.0	L104
85	M85 x 2	3" or 3 1/2"	25	115.2	50.0	69.1	78.0	L104
90	M90 x 2	3 1/2" or 4"	25	125.7	50.0	74.1	84.0	L114
100	M100 x 2	3 1/2" or 4"	25	125.7	50.0	82.0	90.0	L114

All Dimensions are in Millimetres

NOTES:

- Gland Size does not necessarily equate to the entry thread size
- Please note that dimensions (A) and (B) may differ for glands with non-Metric entry threads. Please refer to our thread data tables for specific dimensions
- Unless otherwise stated ISO Metric entry threads have a 1.5mm pitch
- Full assembly instructions are available upon request, the instructions should be read prior to installation and adhered to in full

<http://www.cableglands.com>