

# Peppers Cable Glands Limited

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## Cable Gland Type A - (Single Compression for any Cable)

EN 50262 : BS6121 : IP66 : IP68

Part Numbers:

<b>A</b>	<b>1</b>	<b>L</b>	<b>B</b>
	<b>2</b>		<b>S</b>
	<b>3</b>		<b>A</b>
	<b>4</b>		



"A" type glands commonly referred to as "stuffing glands", they provide a controlled pull resistant environmental displacement seal on the cable outer sheath, minimising damage to cables that exhibit "cold flow" characteristics. The gland maintains IP66 & IP68 to 35 metres and is deluge proof without the use of an additional seal or deluge boot. Options are available for use with LSOH cables and extreme temperature applications.

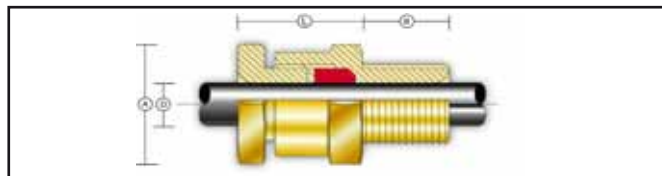
**Compliance with:** EN 50262, BS6121 & IEC 60529

**IP Rating:** IP66 & IP68  
(35 metres - 7 days)

**Materials:** Brass  
Stainless Steel  
Aluminium

**Plating:** Nickel  
Zinc

**Operating Temperature:** Neoprene Seals -30°C to +105°C  
Silicone Seals -70°C to +200°C



**Example Part Numbering**  
(See below for details)

A2LBCK1/NP/20/050NPT

<b>A</b>	Type of gland featuring controlled displacement sealing
<b>2</b>	Neoprene Seals (2) - Silicone (3) - Neoprene/Lead (1) - Silicone/Lead (4)
<b>L</b>	Peppers Lightweight Design
<b>B</b>	Brass (B) / Stainless Steel (S) / Aluminium (A)
<b>C</b>	PVC Shroud (C) - PCP Shroud (P) - LSOH Shroud (3)
<b>K or V</b>	Locknut & Nylon (K) or Fibre (V) IP Washer
<b>T</b>	Including Earth Tag
<b>S</b>	Including Serrated Washer
<b>1</b>	Quantity per kit
<b>NP</b>	Nickel Plated (NP) - Zinc Plated (ZP)
<b>20</b>	Gland shell size
<b>050NPT</b>	1/2"NPT Entry Thread

<b>Optional Accessories</b>	Locknut	Brass (ACBLN) / Stainless Steel (ACSLN)
	Earth tag	Brass (ACBET) / Stainless Steel (ACSET)
	IP Washers	Nylon (ACNSW) / Fibre (ACFSW)
	Serrated Washer	Stainless Steel (ACSSW)
	Shrouds	PVC (ACSPVC) / PCP (ACSPCP) / LSOH (ACSSIO)

### CABLE GLAND SELECTION TABLE

Gland Size	Entry Thread Size		ISO Thread Length [B]	Cable Acceptance Details		Nominal Protrusion Length [L]	Dimensions/Weight (Metric Versions)			Metric Thread Shroud Size
	Metric	NPT		Outer Sheath [D]			Across Flats	Across Corners [A]	Weight Kgs	
				Min	Max					
16	M20 x 1.5	1/2" or 3/4"	16	4.0	8.4	33	25.4	28.0	0.078	L24
20S	M20 x 1.5	1/2" or 3/4"	16	7.2	11.7	33	25.4	28.0	0.101	L24
20	M20 x 1.5	1/2" or 3/4"	16	9.4	14.0	33	30.0	33.0	0.127	L30
25	M25 x 1.5	3/4" or 1"	16	13.5	20.0	33	37.6	41.4	0.166	L38
32	M32 x 1.5	1" or 1 1/4"	16	19.5	26.3	33	46.0	50.6	0.244	L46
40	M40 x 1.5	1 1/4" or 1 1/2"	16	23.0	32.2	37	55.0	60.5	0.396	L55
50S	M50 x 1.5	1 1/2" or 2"	16	28.1	38.2	37	65.0	71.5	0.558	L65
50	M50 x 1.5	2"	16	33.1	44.1	37	65.0	71.5	0.438	L65
63S	M63 x 1.5	2" or 2 1/2"	19	39.2	50.1	37	80.0	88.0	0.832	L80
63	M63 x 1.5	2 1/2"	19	46.7	56.0	37	80.0	88.0	0.664	L80
75S	M75 x 1.5	2 1/2" or 3"	19	52.1	62.0	37	90.0	99.0	0.924	L90
75	M75 x 1.5	3"	19	58.0	68.0	37	90.0	99.0	0.714	L90
80	M80 x 2	3" or 3 1/2"	25	62.2	72.0	50	104.0	115.2	1.514	L104
85	M85 x 2	3" or 3 1/2"	25	69.0	78.0	50	104.0	115.2	1.332	L104
90	M90 x 2	3 1/2" or 4"	25	74.0	84.0	50	114.0	125.7	1.622	L114
100	M100 x 2	3 1/2" or 4"	25	82.0	90.0	50	114.0	125.7	1.523	L114
110	M110 x 2	-	25	87.0	102.0	88	135.0	148.0	2.550	n/a
120	M120 x 2	-	25	97.0	112.0	88	145.0	159.0	3.200	n/a
130	M130 x 2	-	25	107.0	122.0	88	155.0	170.0	4.750	n/a

All dimensions in mm

Notes:

- \* Gland size does not necessarily equate to the entry thread size. Gland size 16 is also available with an M16 x 1.5 entry thread.
- \* Dimensions (A) & (B) may differ for glands with non metric entry threads. Please refer to our "Thread Reference Tables" for specific dimensions.
- \* Where glands are fitted into non-metallic enclosures they must be included within the earth circuit of the system.
- \* Assembly instructions must be read prior to installation and adhered to in full.
- \* Peppers supplies cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length. Peppers will not be held responsible for clients' installations where this has not been taken into account.
- \* To maintain the specified IP rating, clearance holes must be in accordance with EN 50262 Table 1 and the entry device should be suitably secured.
- \* All gland kits supplied with silicone seals will include a PTFE IP washer in order to maintain the temperature range.