

Single Compression Gland for Armoured Cable featuring Dedicated Armour Clamping

IEC 62444 : EN 62444 : BS 6121 : IP66



PRODUCT DESCRIPTION

"C" type single compression gland is suitable for cables that exhibit "cold flow" characteristics, whilst providing a controlled IP and environmental seal on the outer sheath and a detachable armour specific clamping system for wire (W), braid/tape (X) armoured cables. The Integral Earth, "IE" version, allows the gland to be used with HV cables where the fault load is greater than 10.4kA and options are available for use with LSOH cables and extreme temperature applications.

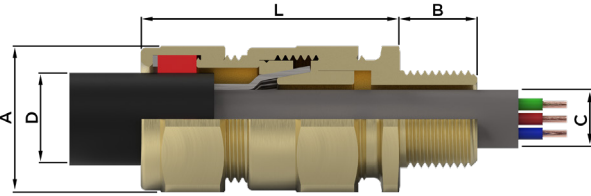
COMPLIANCE STANDARDS:

IEC 62444
EN 62444
BS 6121

OPTIONAL
ACCESSORIES:

LOCKNUT (L)	Brass (ACBLN) / Stainless Steel (ACSLN)
EARTH TAG (T)	Brass (ACBET) / Stainless Steel (ACSET)
IP WASHERS	Nylon (N) / Fibre (J) / PTFE (Z)
SERRATED WASHERS	Stainless Steel (S)
SHROUDS	PVC (C) / LSOH Silicone (3)

IP RATING:	IP66
OPERATING TEMP:	Neoprene Seals -35°C to +90°C Silicone Seals -60°C to +180°C
MATERIALS:	Aluminium, Brass or Stainless Steel
PLATING:	Electroless Nickel



EXAMPLE PART NUMBERING:
C1WB/NP/20/050NPT

C	Gland featuring armour specific clamping
1	Neoprene Seals (1) - Silicone Seals (3)
W	SWA or AWA (W) / SWB or STA (X)
B	Aluminium (A) / Brass (B) / Stainless Steel (S)
R	Reduced Bore Seal
C	PVC Shroud (C) - LSOH Silicone Shroud (3)
K-V-H	Locknut, Earth Tag & Nylon (K), Fibre (V) or PTFE (H) IP Washer
S	Including Serrated Washer
1	Quantity per kit
NP	Nickel Plated
20	Gland shell size
050NPT	1/2"NPT Male Entry Thread

CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size		Metric Thread Length [B]	Cable Acceptance Details						Armour Acceptance Range		Nominal Protusion Length [L]	Dimensions/Weight (Metric)			Shroud Size* (Metric)
	Metric	NPT		Inner Sheath [C]		Outer Sheath [D]		Reduced [D]		W	X		Across Flats [A]	Across Corners	Weight (Kgs)	
				Min	Max	Min	Max	Min	Max							
16	M16 x 1.5	1/2" or 3/4"	16	N/A	8.4	8.4	13.5	4.9	10.3	0.90	0.15-0.35	58	24.0	26.5	0.143	L24
16	M20 x 1.5	1/2" or 3/4"	16	N/A	8.4	8.4	13.5	4.9	10.3	0.90	0.15-0.35	58	24.0	26.5	0.154	L24
20S	M20 x 1.5	1/2" or 3/4"	16	N/A	11.7	11.5	16.0	9.4	12.5	0.90-1.25	0.15-0.35	58	24.0	26.5	0.125	L24
20	M20 x 1.5	1/2" or 3/4"	16	N/A	14.0	15.5	21.1	12.0	17.6	0.90-1.25	0.15-0.50	58	30.0	33.0	0.180	L30
25	M25 x 1.5	3/4" or 1"	16	N/A	20.0	20.3	27.4	16.8	23.9	1.25-1.60	0.15-0.50	58	37.6	41.4	0.256	L38
32	M32 x 1.5	1" or 1 1/4"	16	N/A	26.3	26.7	34.0	23.2	30.5	1.60-2.00	0.15-0.55	65	46.0	50.6	0.400	L46
40	M40 x 1.5	1 1/4" or 1 1/2"	16	N/A	32.2	33.0	40.6	28.6	36.2	1.60-2.00	0.20-0.60	72	55.0	60.5	0.649	L55
50S	M50 x 1.5	1 1/2" or 2"	16	N/A	38.2	39.4	46.7	34.8	42.4	2.00-2.50	0.20-0.60	73	65.0	71.5	0.940	L65
50H	M50 x 1.5	1 1/2" or 2"	16	N/A	38.2	45.7	53.2	41.1	48.5	2.00-2.50	0.30-0.80	73	65.0	71.5	0.849	L65
50	M50 x 1.5	2"	16	N/A	44.1	45.7	53.2	41.1	48.5	2.00-2.50	0.30-0.80	73	65.0	71.5	0.707	L65
63S	M63 x 1.5	2" or 2 1/2"	19	N/A	50.1	52.1	59.5	47.5	54.8	2.50	0.30-0.80	76	80.0	88.0	1.369	L80
63H	M63 x 1.5	2" or 2 1/2"	19	N/A	50.1	58.4	68.5	53.8	61.2	2.50	0.30-0.80	76	80.0	88.0	1.306	L80
63	M63 x 1.5	2 1/2"	19	N/A	56.0	58.4	68.5	53.8	61.2	2.50	0.30-0.80	76	80.0	88.0	1.123	L80
75S	M75 x 1.5	2 1/2" or 3"	19	N/A	62.0	64.8	72.2	60.2	68.0	2.50	0.30-1.00	82	90.0	99.0	1.661	L90
75H	M75 x 1.5	2 1/2" or 3"	19	N/A	62.0	71.1	78.0	66.5	73.4	2.50	0.30-1.00	82	90.0	99.0	1.553	L90
75	M75 x 1.5	3"	19	N/A	68.0	71.1	78.0	66.5	73.4	2.50	0.30-1.00	82	90.0	99.0	1.310	L90
80	M80 x 2.0	3" or 3 1/2"	25	N/A	72.0	77.0	84.0	71.9	79.4	3.15	0.45-1.00	110	104.0	115.2	2.718	L104
80H	M80 x 2.0	3" or 3 1/2"	25	N/A	72.0	79.6	90.0	75.0	85.4	3.15	0.45-1.00	110	104.0	115.2	2.489	L104
85	M85 x 2.0	3" or 3 1/2"	25	N/A	78.0	79.6	90.0	75.0	85.4	3.15	0.45-1.00	110	104.0	115.2	2.326	L104
90	M90 x 2.0	3 1/2" or 4"	25	N/A	84.0	88.0	96.0	82.0	91.4	3.15	0.45-1.00	110	114.0	125.7	2.852	L114
90H	M90 x 2.0	3 1/2" or 4"	25	N/A	84.0	92.0	102.0	87.4	97.4	3.15	0.45-1.00	110	114.0	125.7	2.629	L114
100	M100 x 2.0	3 1/2" or 4"	25	N/A	90.0	92.0	102.0	87.4	97.4	3.15	0.45-1.00	110	114.0	125.7	2.496	L114
110	M110 x 2.0	-	25	N/A	102.0	110.0	117.0	N/A	N/A	3.15	0.45-1.00	170	135.0	148.0	4.190	N/A
120	M120 x 2.0	-	25	N/A	112.0	120.0	127.0	N/A	N/A	3.15	0.45-1.00	170	145.0	149.0	5.750	N/A
130	M130 x 2.0	-	25	N/A	122.0	130.0	137.0	N/A	N/A	3.15	0.45-1.00	170	155.0	170.0	6.900	N/A

NOTES

- Gland size does not necessarily equate to the entry thread size.
- Dimensions (A) & (B) may differ for glands with non metric entry threads.
- Please refer to our "Thread Reference Tables" for specific dimensions.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supply products with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. We usually incorporate a thread run out according to general machining techniques and parts will not have a full form thread for the entire length. Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.
- When selecting IP Washer & Shroud material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- For gland sizes 16 and 20S when used with 3/4" NPT entry thread an L30 shroud would be required.