



# PRODUCT TYPE C\*IE

## Single Compression Gland for Armoured Cable featuring Dedicated Armour Clamping and an Integral Earth Connection for HV Cables

IEC 62444 : EN 62444 : BS 6121 : IP66



### PART NUMBERS:

C	1	W	B	*	*
	3	X	S	IE	R
				A	

### PRODUCT DESCRIPTION

"C" type single compression glands provide 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 gland has been tested to IP66 and options are available for use with LSOH cables and extreme temperature applications.

### COMPLIANCE STANDARDS:

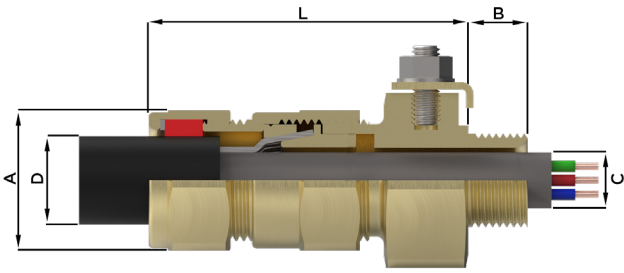
IEC 62444  
EN 62444  
BS 6121

### CERTIFICATION:

ABS Specified ABS Rules

### CERTIFICATE NO.

ABS 14-LD463991-1-PDA



EXAMPLE PART NUMBERING:  
C1W1B1\*IE3R20C3050NPT

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

OPTIONAL ACCESSORIES:

<b>LOCKNUT</b>	Brass (ACBLN) / St Steel (ACSLN) / Aluminium (ACALN)
<b>IP WASHERS</b>	Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
<b>SERRATED WASHERS</b>	Stainless Steel (ACSSW)
<b>SHROUDS</b>	PVC (ACSPVC) / PCP (ACSPCP) / LSOH Silicone (ACSSIO)

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

CABLE GLAND SELECTION TABLE  
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size		Metric Thread Length [B]	Cable Acceptance Details								Nominal Protrusion Length [L]	Dimensions/Weight (Metric)		
	Metric	NPT		Inner Sheath [C]		Outer Sheath [D]		Reduced [D]		Armour Acceptance Range			Across Flats [A]	Across Corners	Weight (Kgs)
				Min	Max	Min	Max	Min	Max	W	X				
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	72	24.0	26.5	0.237
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	72	24.0	26.5	0.248
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	72	24.0	26.5	0.213
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	72	30.0	33.0	0.323
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	0.15-0.55	72	36.7	41.4	0.385
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	0.20-0.60	81	46.0	50.6	0.636
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	94	55.0	60.5	0.967
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	0.30-0.80	95	65.0	71.5	1.383
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	95	65.0	71.5	1.292
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	95	65.0	71.5	1.088
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	101	80.0	88.0	2.091
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	101	80.0	88.0	2.132
63	M63 x 1.5	2 1/2"	19	N/A	56.0	58.4	68.5	53.8	61.2	2.50	0.30-1.00	101	80.0	88.0	1.748
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	107	90.0	99.0	2.463
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	107	90.0	99.0	2.355
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	107	90.0	99.0	2.007
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	132	104.0	115.2	3.692
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	132	104.0	115.2	3.463
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	132	104.0	115.2	3.197
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	132	114.0	125.7	3.900
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	132	114.0	125.7	3.677
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	132	114.0	125.7	3.404

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. 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 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.