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Cable Gland Type E - (Double Compression for Armoured Cables) EN 50262 : BS6121 : IP66 : IP68

Part Numbers:

E	1	W	B	*	*
	2	X	S	IE	R
	3	Z	A		
	4				

"E" type double compression glands provide a controlled IP seal on the cable inner sheath, an environmental seal on the outer sheath and a detachable armour specific clamping system for wire (W), braid (X) or tape (Z) armoured cables. The gland has been tested to IP66 and IP68 to 35 metres. The "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 lead sheath, LSOH cables and extreme temperature applications.

Compliance with: EN 50262, BS6121 & IEC 60529

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

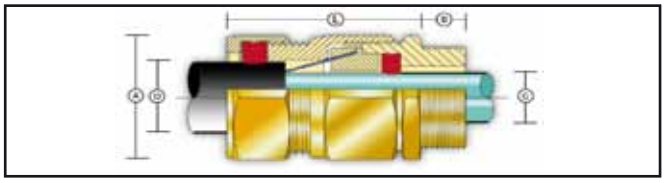
Operating Temperature: Neoprene Seals -30ºC to +105ºC
Silicone Seals -70ºC to +200ºC

Materials: Brass
Stainless Steel
Aluminium

Plating: Nickel - Zinc

Variations: D****F Omission of Outer Seal

Aluminium versions comply with UK Highways Agency Specifications
Brass versions to UK Highway Agency Specification available upon request



Example Part Numbering (See below for details) E1WBCK1/NP/20/050NPT

	E	Type of gland featuring armour specific clamping
	1	Neoprene Seals (1) - Silicone (3) - Neoprene/Lead (2) - Silicone/Lead (4)
	W	SWA (W) / SWB or STA (X)
	B	Brass (B) / Stainless Steel (S) / Aluminium (HA)
Options	IE	Integral Earth (see page TR-3)
	R	Reduced Bore Seal
	C	PVC Shroud (C) - PCP Shroud (P) - LSOH Shroud (3)
	K or V	Locknut, Earth Tag & Nylon (K) or Fibre (V) IP Washer
	S	Including Serrated Washer
	1	Quantity per kit
	NP	Nickel Plated (NP) - Zinc Plated (ZP)
	20	Gland shell size
	050NPT	1/2"NPT Entry Thread

Optional Accessories	Locknut	Brass (ACBLN) / Stainless Steel (ACSLN)
	Earth tag	Brass (ACBET) / Stainless Steel (ACSET)
	IP Washers	Nylon (ACNSW) / Fibre (ACFSW)
	Serrated Washers	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						Armour Acceptance Range		Nominal Protrusion Length [L]	Dimensions/Weight (Metric)			Metric Thread Shroud Size
				Inner Sheath [C]		Outer Sheath [D]		Reduced [D]					Across Flats	Across Corners [A]	Weight Kgs	
	Metric	NPT		Min	Max	Min	Max	Min	Max	W	XZ					
16	M20 x 1.5	1/2" or 3/4"	16	4.0	8.4	8.4	13.5	4.9	10.0	0.9	0.15-0.35	60	24.0	26.5	0.139	L24
20S	M20 x 1.5	1/2" or 3/4"	16	8.0	11.7	12.9	16.0	9.4	12.5	0.90-1.25	0.15-0.35	60	24.0	26.5	0.125	L24
20	M20 x 1.5	1/2" or 3/4"	16	6.7	14.0	15.5	21.1	12.0	17.6	0.90-1.25	0.15-0.50	60	30.0	33.0	0.180	L30
25	M25 x 1.5	3/4" or 1"	16	13.0	20.0	20.3	27.4	16.8	23.9	1.25-1.60	0.15-0.50	60	37.6	41.4	0.252	L38
32	M32 x 1.5	1" or 1 1/4"	16	19.0	26.3	26.7	34.0	23.2	30.5	1.60-2.00	0.15-0.55	65	46.0	50.6	0.408	L46
40	M40 x 1.5	1 1/4" or 1 1/2"	16	25.0	32.2	33.0	40.6	28.6	36.2	1.60-2.00	0.20-0.60	75	55.0	60.5	0.642	L55
50S	M50 x 1.5	1 1/2" or 2"	16	31.5	38.2	39.4	46.7	34.8	42.4	2.00-2.50	0.20-0.60	75	65.0	71.5	0.947	L65
50	M50 x 1.5	2"	16	36.5	44.1	45.7	53.2	41.1	48.5	2.00-2.50	0.30-0.80	75	65.0	71.5	0.716	L65
63S	M63 x 1.5	2" or 2 1/2"	19	42.5	50.1	52.1	59.5	47.5	54.8	2.5	0.30-0.80	75	80.0	88.0	1.377	L80
63	M63 x 1.5	2 1/2"	19	49.5	56.0	58.4	65.8	53.8	61.2	2.5	0.30-0.80	75	80.0	88.0	1.073	L80
75S	M75 x 1.5	2 1/2" or 3"	19	54.5	62.0	64.8	72.2	60.2	68.0	2.5	0.30-1.00	85	90.0	99.0	1.661	L90
75	M75 x 1.5	3"	19	60.5	68.0	71.1	78.0	66.5	73.4	2.5	0.30-1.00	85	90.0	99.0	1.322	L90
80	M80 x 2	3" or 3 1/2"	25	62.2	72.0	69.0	84.0	71.9	79.4	3.15	0.45-1.00	110	104.0	115.2	2.874	L104
80H	M80 x 2	3" or 3 1/2"	25	62.2	72.0	79.6	90.0	75.0	85.4	3.15	0.45-1.00	110	104.0	115.2	2.874	L104
85	M85 x 2	3" or 3 1/2"	25	69.0	78.0	79.6	90.0	75.0	85.4	3.15	0.45-1.00	110	104.0	115.2	2.515	L104
90	M90 x 2	3 1/2" or 4"	25	74.0	84.0	88.0	96.0	82.0	91.4	3.15	0.45-1.00	110	114.0	125.7	3.117	L114
90H	M90 x 2	3 1/2" or 4"	25	74.0	84.0	92.0	102.0	87.4	97.4	3.15	0.45-1.00	110	114.0	125.7	3.117	L114
100	M100 x 2	3 1/2" or 4"	25	82.0	90.0	92.0	102.0	87.4	97.4	3.15	0.45-1.00	110	114.0	125.7	2.707	L114
110	M110 x 2	-	25	87.0	102.0	100.0	117.0	-	-	3.15	0.45-1.00	185	135.0	148.0	4.190	n/a
120	M120 x 2	-	25	97.0	112.0	110.0	127.0	-	-	3.15	0.45-1.00	185	145.0	159.0	5.750	n/a
130	M130 x 2	-	25	107.0	122.0	120.0	137.0	-	-	3.15	0.45-1.00	185	155.0	170.0	6.900	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.
* For gland size 20 the silicone inner seal has a minimum diameter of 11.0mm and NOT 6.7mm
* All gland kits supplied with silicone seals will include a PTFE IP washer in order to maintain the temperature range.