

E1W Double Compression Seal – Cable PVC/LSF



- E1W type cable glands for use with all armoured cables.
- Suitable for most climatic conditions, weatherproof and waterproof.
- Double Compression gland, providing mechanical cable retention and electrical continuity via armour wire termination.
- Environmental seals on the inner and outer sheath of the cable to IP 66
- Cable gland kit consists:
 - PVC - Brass Gland, Locknut, Earhtag, PVC Shroud and Nylon Sealing Washer.
 - LSF - Brass Gland, Locknut, Earhtag, LSF/LSOH Shroud and Nylon Sealing Washer.

Technical Specification:

Threading:	Metric
Standard:	BS 6121:2005 & EN62444:2013-TUV Certified (Website: www.certipedia.com)
Ingress Protection Rating:	IP66 with the use of suitable sealing washer or thread sealant at gland interface.
Cable Type:	Steel Wire Armour (SWA)
Material:	Brass
Material Grade:	Brass CuZn39Pb3 (CW614N) to EN12168
Continuous Operating Temp:	PVC: -20°C to +90°C LSF/LSOH: -20°C to +130°C

Cable Gland Selection Table:

Cable Gland Size	Entry Thread 'C' Metric	Minimum Thread Length 'G'	Cable Bedding Diameter 'A'		Overall Cable Diameter 'B'		Armour Range		Across Flat 'E'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference PVC	Ordering Reference LSF/LSOH
			Min	Max	Min	Max	Min	Max	Max	Max			
20S/16	M20	10	3.1	8.7	6.1	11.5	0.9	1.0	24.0	26.6	63.0	20S16E1W1BI	20S16E1W1LSBI
20S	M20	10	6.1	11.7	9.5	15.9	0.9	1.25	24.0	26.0	63.0	20SE1W1BI	20SE1W1LSBI
20	M20	10	6.5	14.0	12.5	20.9	0.9	1.25	30.5	33.3	67.0	20E1W1BI	20E1W1LSBI
25	M25	10	11.1	20.0	18.2	26.2	1.25	1.6	37.5	40.5	78.0	25E1W1BI	25E1W1LSBI
32	M32	10	17.0	26.3	23.7	33.9	1.6	2.0	46.0	51.0	78.0	32E1W1BW	32E1W1LSBI
40	M40	10	22.0	32.2	27.9	40.4	1.6	2.0	55.0	61.0	83.0	40E1W1BI	40E1W1LSBI
50S	M50	15	29.5	38.2	35.2	46.7	2.0	2.5	60.0	66.5	78.0	50SE1W1BI	50SE1W1LSBI
50	M50	15	35.6	44.1	40.4	53.1	2.0	2.5	70.1	78.6	81.0	50E1W1BI	50E1W1LSBI
63S	M63	15	40.1	50.0	45.6	59.4	2.0	2.5	75.0	83.2	93.0	63SE1W1BI	63SE1W1LSBI
63	M63	15	47.2	56.0	54.6	65.9	2.0	2.5	80.0	89.0	75.0	63E1W1BI	63E1W1LSBI
75S	M75	15	52.8	62.0	59	72.1	2.0	2.5	90.0	99.0	103.0	75SE1W1BI	75SE1W1LSBI
75	M75	15	59.1	68.0	66.7	78.5	2.0	2.5	100.0	109.0	110.0	75E1W1BI	75E1W1LSBI
*85	M85	20	63.0	74.0	75.0	85.0	3.15	3.15	100.0	109.0	76.0	85E1W1BI	85E1W1LSBI
*90	M90	20	67.0	79.0	80.0	91.0	3.15	3.15	104.5	114.0	81.0	90E1W1BI	90E1W1LSBI

*Note: Three (3) part gland design. Dimensions displayed are in millimeters unless otherwise stated. NPT Threads available upon request.

Disclaimer: The dimensions provided are for guidance only and BICC Components Ltd reserve the right to change them without prior notification.

