

Cable Gland Type C - (Single Compression Gland for Armoured Cable featuring Dedicated Armour Clamping)

IEC 62444 : EN 62444 : BS 6121 : IP66

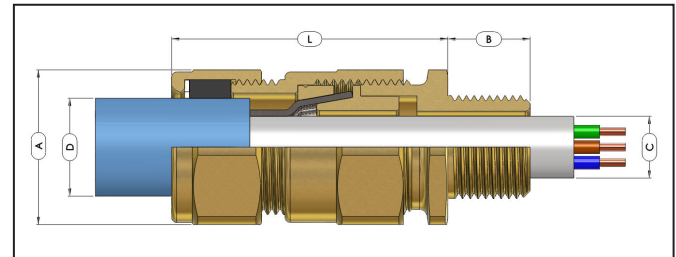
Part Numbers:

| | | | | |
|----------|----------|----------|----------|----------|
| C | 1 | W | B | * |
| | 3 | X | S | R |
| | | | A | |



“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 |
| IP Rating: | IP66 |
| Operating Temperature: | Neoprene Seals -35°C to +90°C / Silicone Seals -60°C to +180°C |
| Materials: | Aluminium, Brass or Stainless Steel |
| Plating: | Electroless Nickel |
| Optional Accessories: | Locknut Brass (ACBLN) / St Steel (ACSLN) / Aluminium (ACALN) Earth tag Brass (ACBET) / St Steel (ACSET) / Aluminium (ACALN) IP Washers Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW) Serrated Washer Stainless Steel (ACSSW) Shrouds PVC (ACSPVC) / PCP (ACSPCP) / LSOH Silicone (ACSSIO) |



Example Part Numbering
(See below for details) **C1WB/NP/20/050NPT**

| | |
|---------------|---|
| C | Gland featuring armour specific clamping |
| 1 | Neoprene Seals (1) - Silicone Seals (3) |
| W | SWA (W) / SWB or STA (X) |
| B | Aluminium (A) / Brass (B) / Stainless Steel (S) |
| R | Reduced Bore Seal |
| C | PVC Shroud (C) - PCP Shroud (P) - 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

| Gland Size | Entry Thread Size | | Metric Thread Length [B] | Cable Acceptance Details | | | | | | Armour Acceptance Range | | Nominal Protrusion Length [L] | Dimensions/Weight (Metric) | | | Shroud Size |
|------------|-------------------|------------------|--------------------------|--------------------------|------|------------------|-------|-------------|------|-------------------------|-----------|-------------------------------|----------------------------|----------------|------------|-------------|
| | 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 | 38.0 | 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 | 65.8 | 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 | 65.8 | 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 |

All dimensions in mm

- 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 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 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.