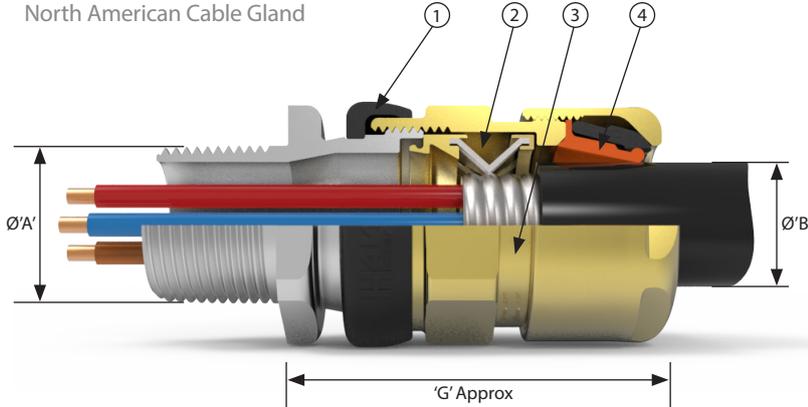




701

General Purpose
North American Cable Gland



- ① Inspectable Deluge Seal - Offering IP66, IP67, IP68 & IP69 Ingress Protection
- ② Fully inspectable 360deg grounding device which remains in contact with the cable when disassembled for inspection.
- ③ Patented Cable Gland Tightening Guide - Helps prevent damage caused by over tightening
- ④ Unique Rear Seal - Offering ultimate sealing over an extremely wide cable acceptance range.

The American series 701 general purpose gland is suitable for use with continuous corrugated Aluminum Metal Clad (MCHL) cable. Features a Fully inspectable 360deg grounding device which remains in contact with the cable when disassembled for inspection.

International Approvals



Cable Gland Selection Table

| Size Ref. | Entry Thread Size 'A' | | Cable Acceptance Details | | | | 'G' | Hexagon Dimensions | |
|-----------|-----------------------|---------------|--------------------------|-------|------------------|-------|-------|--------------------|----------------|
| | Metric | NPT* Standard | Armour Jacket 'E' | | Outer Jacket 'B' | | | Across Flats | Across Corners |
| | | | Min | Max | Min | Max | | | |
| A | M20 | ½ or ¾" | 0.41" | 0.64" | 0.49" | 0.81" | 2.5" | 1.18" | 1.28" |
| B | M25 | ¾" or 1" | 0.55" | 0.93" | 0.67" | 1.02" | 2.59" | 1.42" | 1.56" |
| C | M32 | 1" or 1¼" | 0.85" | 1.23" | 0.87" | 1.30" | 2.93" | 1.81" | 1.99" |
| C2 | M40 | 1¼" or 1½" | 1.17" | 1.59" | 1.10" | 1.61" | 3.03" | 2.17" | 2.39" |
| D | M50 | 2" or 1½" | 1.37" | 1.96" | 1.42" | 2.07" | 3.90" | 2.56" | 2.79" |
| E | M63 | 2½" or 2" | 1.81" | 2.55" | 1.81" | 2.57" | 3.66" | 3.15" | 3.46" |
| F | M75 | 3" or 2½" | 2.37" | 2.98" | 2.24" | 3.07" | 3.93" | 3.74" | 4.09" |
| H | M90 | 3½" | 2.93" | 3.47" | 2.95" | 3.52" | 4.33" | 4.18" | 4.84" |

All dimensions in inches (except * where dimensions are in millimetres). A - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For H size glands, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering

Technical Data

| | |
|-------------------------------|--|
| Type of Protection | UL Listed for use Wet Locations |
| Certificate/Listing No | E165706 |
| Construction & Test Standards | UL 514B |
| Ingress Protection | IP66, IP67, IP68 (30 metres for 7 days) and IP69 to IEC/EN 60529 and NEMA 4X |
| Deluge Protection | DTS01 |
| Operating Temperature | -50°C to +60°C |

Alternative certification options are available

Ordering Information

Format for ordering is as follows:

| Cable Gland Type | Size | Thread | Material |
|------------------|------|--------|----------|
| 701 | C | 1" NPT | Brass |

Cable Gland Tightening Guide

Whilst Hawke International goes to great lengths to ensure products are designed to be as simple to install, inspect and maintain as is possible, differing levels of competency, training and understanding can lead to glands being incorrectly installed. With hazardous area products, any poor installation issues can not only lead to expensive equipment failure, but also potential explosion risks and associated risk to life.

To help address issues with the overtightening of cable glands and the resultant damage to cables and seals, Hawke International has developed the patented **INBUILT TIGHTENING GUIDE**.

Without the need for fiddly measuring systems, the guide provides a permanent visual indication of the gland tightness through installation, inspection and maintenance.

How it works

The gland is permanently marked with various lines/numbers indicating the correct tightening level related to the cable diameter. Following the relevant cable gland Installation Instructions, the back seal should be tightened until a seal is formed on the cable outer sheath and then tightened one further turn.



Follow cable gland installation instructions until final stage – tightening of rear seal



Tighten backnut until a seal is formed onto the cable, then tighten one further turn



The backnut should be level with the marking guide corresponding to its diameter – this can be visually inspected and adjusted as necessary

Note: The cable gland installation instructions have a printed cable OD measure for if the cable OD is not known