

# Cable Gland Type 710



## CABLE GLAND SELECTION TABLE

Size Ref.	Entry Thread Size		Cable Acceptance Details					'G'	Hexagon Dimensions	
			Inner Sheath/Cores			Outer Sheath 'B'			Across Flats	Across Corners
	NPT Std./ Option	Metric *	'D' Max. Over Cores	'E' Max. Inner Sheath	Max. No. Of Cores	Min.	Max.			
Os	1/2"	M20*	0.35"	0.39"	6	0.22"	0.47"	2.81"	0.94"	1.09"
O	1/2"	M20*	0.35"	0.39"	6	0.37"	0.63"	2.81"	0.94"	1.09"
A	1/2"/3/4"	M20	0.43"	0.64"	10	0.49"	0.81"	2.84"	1.18"	1.36"
B	3/4"/1"	M25	0.64"	0.93"	21	0.66"	1.02"	2.95"	1.42"	1.64"
C	1"/1 1/4"	M32	0.86"	1.23"	42	0.87"	1.30"	3.11"	1.81"	2.09"
C2	1 1/4"/1 1/2"	M40	1.04"	1.59"	60	1.10"	1.61"	3.26"	2.17"	2.50"
D	2"/1 1/2"	M50	1.46"	1.96"	80	1.42"	2.07"	3.36"	2.56"	2.96"
E	2 1/2"/2"	M63	1.88"	2.55"	100	1.81"	2.57"	3.56"	3.15"	3.64"
F	3"/2 1/2"	M75	2.32"	2.98"	120	2.24"	3.07"	3.76"	3.74"	4.31"

'H' size cable gland available.

Contact Hawke International for further details.

H	3 1/2"	M90	2.79"	3.12"	-	3.07"	3.52"	3.54"	4.18"	4.84"
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### General Information

All dimensions in inches (except\* where dimensions are in millimetres).

All Metric entry threads are 1.5mm pitch medium fit.

\*Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner sheath diameter is 0.43".

Two part sealing compound and assembly instructions are supplied with the cable gland.

Assembly instruction data sheet No. A.I. 316. For sizes A to F.

Assembly instruction data sheet No. A.I. 337. For size H.

Accessories including locknuts, sealing washers, serrated washers, earth tags, shrouds, adaptors and reducers available. See pages 44 - 48.

### Materials & Finishes

The 710 cable gland is manufactured as standard in brass with nickel plated entry.

### Cable Gland Ordering Examples

#### Cable Gland Type/Size/Thread

e.g. 710/C/1" NPT


### Application

- Outdoor or Indoor use.
- For use with non-armored cable, as permitted by the NEC.
- See technical section of the catalogue for installation rules and regulations.

### Features

- Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
- Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
- Provides an outer deluge seal to prevent moisture ingress to the cable armor and enclosure. Deluge seal is coloured red to indicate Hazardous Area product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.

### Technical Data

- UL Listed for use in Class I, Division 2, Gas Groups A, B, C and D.
- UL Listed for use in Class I, Zone 2, Gas Groups IIA, IIB and IIC.
- Construction and test standards  UL Listed hazardous locations in America and Canada. E84940.
- IP66, IP67 and IP68 ingress protection to IEC 60529, EN60529 and NEMA 4X.
- DTS01 deluge tested by ITS.
- Operating temperature range -50°C to +60°C as standard.

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