



**CXHT**

**CXHT High Temperature, Single Seal Industrial Cable Gland**

**For Braid & Steel Tape Armoured Cables**

- -20°C to 200°C high temperature ThermIn seals
- High quality durable materials
- Robust, heavy duty design
- Metal-to-metal armour clamping
- Direct & remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- Deluge protection option
- EMC tested



Note: Deluge Proof option available (CXDHT)

† Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminium Strip Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminium Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W).

Note: Grooved Cone (X) dimensions shown in the Cable Gland Selection Table below are for a double wire strand of braid armour cables. Tapes can also be doubled over. For cables that have only a single layer of armour such as SWA the clamping range should be used as shown in the table below.

**TECHNICAL DATA**

<b>Design Specification</b>	BS 6121:Part 1:1989, IEC 62444, EN 62444
<b>Mechanical Classifications*</b>	Impact = Level 8, Retention = Class D
<b>Enclosure Protection</b>	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
<b>Electrical Classifications*</b>	Category B (Category A when used with braid, tape or pliable wire armour cables)
<b>Continuous Operating Temperature</b>	-20°C to +200°C
<b>Ingress Protection Rating</b>	IP66**
<b>Cable Gland Material</b>	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
<b>Seal Material</b>	CMP Thermoset Rubber
<b>Cable Type</b>	Wire Braid Armour, Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA)
<b>Armour Clamping</b>	Detachable Armour Cone & AnyWay Universal Clamping Ring
<b>Sealing Technique</b>	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
<b>Sealing Area(s)</b>	Cable Outer Sheath
<b>Cable Gland Kits Available</b>	Cable Gland kit for use with all types of SWA cable including 2 Brass Cable Glands, 2 Steel Locknuts, 2 Brass Earth Tags and 2 PVC Shrouds for sizes up to and including 32mm. For sizes 40mm and above each kit includes 1 of each component.

Note: \* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

Note: \*\* Refer to page 7 or www.cmp-products.com for further information on Ingress Protection Ratings

**Cable Gland Selection Table**

Refer to illustration at the top of the page

Cable Gland Size	Entry Thread "C"	Thread Length (Metric) "E"	Cable Bedding Diameter "A"		Overall Cable Diameter "B"		Armour Range † Grooved Cone (X)		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
			Max	Min	Max	Min	Max	Max				Max	Size	Type		
20s16	M20	10.0	8.7	6.1	13.1	0.3	1.0	24.0	26.4	48.0	20s16	CXHT	1RA	PVC04	0.100	
20S	M20	10.0	11.7	9.5	15.9	0.3	1.0	24.0	26.4	48.0	20S	CXHT	1RA	PVC04	0.100	
20	M20	10.0	14.0	12.5	20.9	0.4	1.0	30.5	33.6	48.0	20	CXHT	1RA	PVC06	0.147	
25S	M25	10.0	20.0	14.0	22.0	0.4	1.2	37.5	41.3	56.0	25S	CXHT	1RA	PVC09	0.224	
25	M25	10.0	20.0	18.2	26.2	0.4	1.2	37.5	41.3	56.0	25	CXHT	1RA	PVC09	0.221	
32	M32	10.0	26.0	23.7	33.9	0.4	1.2	46.0	50.6	54.0	32	CXHT	1RA	PVC11	0.308	
40	M40	15.0	32.2	27.9	40.4	0.4	1.6	55.0	60.5	58.0	40	CXHT	1RA	PVC15	0.448	
50S	M50	15.0	38.2	35.2	46.7	0.4	1.6	60.0	66.0	61.0	50S	CXHT	1RA	PVC18	0.567	
50	M50	15.0	44.1	40.4	53.0	0.6	1.6	70.1	77.1	60.0	50	CXHT	1RA	PVC21	0.751	
63S	M63	15.0	50.0	45.6	59.4	0.6	1.6	75.0	82.5	74.0	63S	CXHT	1RA	PVC23	1.036	
63	M63	15.0	56.0	54.6	65.8	0.6	1.6	80.0	88.0	71.0	63	CXHT	1RA	PVC25	1.016	
75S	M75	15.0	62.0	59.0	72.0	0.6	1.6	90.0	99.0	86.0	75S	CXHT	1RA	PVC28	1.787	
75	M75	15.0	64.2	66.7	78.4	0.6	1.6	100.0	110.0	82.0	75	CXHT	1RA	PVC30	2.091	
90	M90	24.0	78.6	76.2	90.3	0.8	1.6	114.3	125.7	95.0	90	CXHT	1RA	PVC32	3.044	
100	M100	24.0	91.0	86.1	101.4	0.8	1.6	123.0	135.3	95.0	100	CXHT	1RA	LSF33	3.132	
115	M115	24.0	98.0	101.5	110.2	0.8	1.6	133.4	146.7	107.5	115	CXHT	1RA	LSF34	4.476	
130	M130	24.0	115.0	110.2	123.2	0.8	1.6	152.4	167.6	110.0	130	CXHT	1RA	LSF35	5.761	

\*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass 'S'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'

Examples: 20CXHT1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated



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