



CWHT

CWHT High Temperature, Single Seal Industrial Cable Gland

For all types Steel & Aluminium Wire 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 (CWDHT)

TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Retention = Class D
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
Electrical Classifications*	Category B
Continuous Operating Temperature	-20°C to +200°C
Ingress Protection Rating	IP66**
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Thermoset Rubber
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath
Cable Gland Kits Available	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		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	Ordering Suffix			
20s16	M20	10.0	8.7	6.1	13.1	0.8	1.25	24.0	26.4	48.0	20S16	CWHT	1RA	PVC04	0.100	
20S	M20	10.0	11.7	9.5	15.9	0.8	1.25	24.0	26.4	48.0	20S	CWHT	1RA	PVC04	0.100	
20	M20	10.0	14.0	12.5	20.9	0.8	1.25	30.5	33.6	48.0	20	CWHT	1RA	PVC06	0.147	
25S	M25	10.0	20.0	14.0	22.0	1.25	1.6	37.5	41.3	56.0	25S	CWHT	1RA	PVC09	0.224	
25	M25	10.0	20.0	18.2	26.2	1.25	1.6	37.5	41.3	56.0	25	CWHT	1RA	PVC09	0.221	
32	M32	10.0	26.3	23.7	33.9	1.6	2.0	46.0	50.6	54.0	32	CWHT	1RA	PVC11	0.306	
40	M40	15.0	32.2	27.9	40.4	1.6	2.0	55.0	60.5	58.0	40	CWHT	1RA	PVC15	0.448	
50S	M50	15.0	38.2	35.2	46.7	2.0	2.5	60.0	66.0	61.0	50S	CWHT	1RA	PVC18	0.567	
50	M50	15.0	44.1	40.4	53.0	2.0	2.5	70.1	77.1	60.0	50	CWHT	1RA	PVC21	0.751	
63S	M63	15.0	50.0	45.6	59.4	2.0	2.5	75.0	82.5	74.0	63S	CWHT	1RA	PVC23	1.036	
63	M63	15.0	56.0	54.6	65.8	2.0	2.5	80.0	88.0	71.0	63	CWHT	1RA	PVC25	1.016	
75S	M75	15.0	62.0	59.0	72.0	2.0	2.5	90.0	99.0	86.0	75S	CWHT	1RA	PVC28	1.787	
75	M75	15.0	68.0	66.7	78.4	2.5	3.0	100.0	110.0	82.0	75	CWHT	1RA	PVC30	2.091	
90	M90	24.0	80.0	76.2	90.3	3.15	4.0	114.3	125.7	95.0	90	CWHT	1RA	PVC32	3.044	
100	M100	24.0	91.0	86.1	101.4	3.15	4.0	123.0	135.3	95.0	100	CWHT	1RA	LSF33	3.132	
115	M115	24.0	98.0	101.5	110.2	3.15	4.0	133.4	146.7	107.5	115	CWHT	1RA	LSF34	4.476	
130	M130	24.0	115.0	110.2	123.2	3.15	4.0	152.4	167.6	110.0	130	CWHT	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: 20CWHT1RA5 = Nickel Plated Brass M20, 50CWHT1RA = Brass 50mm, 25CWHT1RA4 = Stainless Steel 25mm

Dimensions are displayed in millimetres unless otherwise stated