CWHT

CWHT HIGH TEMPERATURE, SINGLE SEAL INDUSTRIAL CABLE GLAND

FOR ALL TYPES STEEL & ALUMINIUM WIRE ARMOURED CABLES



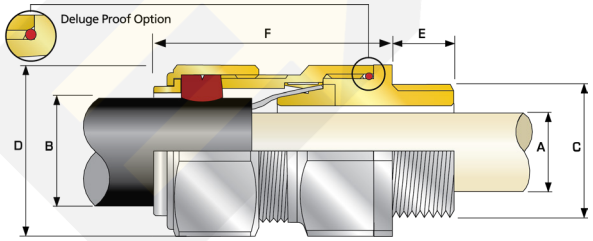
- -20˚C to 200˚C high temperature ThermIn seals
- High quality durable materials
- Robust, heavy duty design
- Metal-to-metal armour clamping
- Direct & remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Controlled outer 'load retention' seal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

IP66

EMC +200˚C -20˚C

TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ELECTRICAL CLASSIFICATIONS*	Category B
INGRESS PROTECTION RATING**	IP66

CABLE TYPE	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
SEAL MATERIAL	CMP Thermoset Rubber
SEALING TECHNIQUE	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
SEALING AREA(S)	Cable Outer Sheath
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
ARMOUR CLAMPING	Detachable Armour Cone & AnyWay Universal Clamping Ring
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.
CONTINUOUS OPERATING TEMPERATURE	-20˚C to +200˚C



CE

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information.
Deluge Proof option available (CWDHT)

COMBINED ORDERING REFERENCE (*BRASS METRIC)			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"	SHROUD	CABLE GLAND WEIGHT (kgs)
SIZE	TYPE	ORDERING SUFFIX			MAX	MIN	MAX	MIN	MAX	MAX	MAX			
20S16	CWHT	1RA	M20	10.0	8.7	6.1	13.1	0.8	1.25	24.0	26.4	48.0	PVC04	0.100
20S	CWHT	1RA	M20	10.0	11.7	9.5	15.9	0.8	1.25	24.0	26.4	48.0	PVC04	0.100
20	CWHT	1RA	M20	10.0	14.0	12.5	20.9	0.8	1.25	30.5	33.6	48.0	PVC06	0.147
25S	CWHT	1RA	M25	10.0	20.0	14.0	22.0	1.25	1.6	37.5	41.3	56.0	PVC09	0.224
25	CWHT	1RA	M25	10.0	20.0	18.2	26.2	1.25	1.6	37.5	41.3	56.0	PVC09	0.221
32	CWHT	1RA	M32	10.0	26.3	23.7	33.9	1.6	2.0	46.0	50.6	54.0	PVC11	0.306
40	CWHT	1RA	M40	15.0	32.2	27.9	40.4	1.6	2.0	55.0	60.5	58.0	PVC15	0.448
50S	CWHT	1RA	M50	15.0	38.2	35.2	46.7	2.0	2.5	60.0	66.0	61.0	PVC18	0.567
50	CWHT	1RA	M50	15.0	44.1	40.4	53.0	2.0	2.5	70.1	77.1	60.0	PVC21	0.751
63S	CWHT	1RA	M63	15.0	50.0	45.6	59.4	2.0	2.5	75.0	82.5	74.0	PVC23	1.036
63	CWHT	1RA	M63	15.0	56.0	54.6	65.8	2.0	2.5	80.0	88.0	71.0	PVC25	1.016
75S	CWHT	1RA	M75	15.0	62.0	59.0	72.0	2.0	2.5	90.0	99.0	86.0	PVC28	1.787
75	CWHT	1RA	M75	15.0	68.0	66.7	78.4	2.5	3.0	100.0	110.0	82.0	PVC30	2.091
90	CWHT	1RA	M90	24.0	80.0	76.2	90.3	3.15	4.0	114.3	125.7	95.0	PVC32	3.044
100	CWHT	1RA	M100	24.0	91.0	86.1	101.4	3.15	4.0	123.0	135.3	95.0	LSF33	3.132
115	CWHT	1RA	M115	24.0	98.0	101.5	110.2	3.15	4.0	133.4	146.7	107.5	LSF34	4.476
130	CWHT	1RA	M130	24.0	115.0	110.2	123.2	3.15	4.0	152.4	167.6	110.0	LSF35	5.761

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass '5'; 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

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary, please see supplementary technical data sheet.