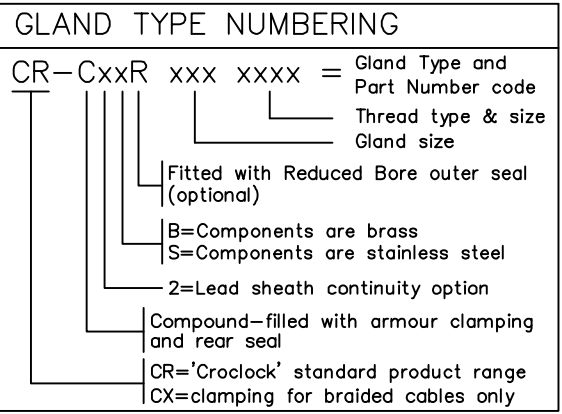


MARKING
 1. EXAMPLE OF MARKING ON BAND: -
 Exd I Mb & IIC Gb / Ex ta IIIC Da
 Exe I Mb & IIC Gb
 CR-CB 20S PG16 SIRA03ATEX1479X
 PEPPERS GU15 3BT UK Ex I M2 II 2 GD
 xx (Year Code) IP66 IP6B
 IECEX SIR 07.0098X

2. SPECIAL MARKS: -
 Ex II 3GD
 Ex nR IIC Gc
 SIRA10ATEX4124X

DRAWN ASC
DATE 27/04/09
CHECKED
APPROVED
CAD REF PCGATXCRC
SCALE N.T.S
ISSUE
1. Original
2. Type CR-C2** introduced
3. Type CX-C*** introduced
4. Marking updated to comply with latest 60079 Series & to include ExtD marking.
5. 23/07/09 Updated to include Ex nR II marking.
6. 16/11/09 Temperature range amended, marking updated & Continuity Washer Drg. Ref. corrected.
7. 30/10/10 Cores qty increased. Note b amended, note g added and Extra concept added.



PARTS LIST & CERTIFICATE CROSS-REFERENCE

Balloon Ref	Part Description	Drawing Number	Alternative Drawing Number	Other Certificate Nos. used on	Other Certificate Nos. used on	Other Certificate Nos. used on
1	ENTRY BODY	PCG/ATX/31V	PCG/ATX/31VT	---	---	---
2	COMPOUND (c)	---	---	---	---	---
3	CONE	PCG/ATX/33V	PCG/ATX/33VX	---	---	---
4	CLAMP RING	PCG/ATX/10V	---	---	BAS 01ATEX2271X	---
5	MIDDLE CAP	PCG/ATX/5V	---	---	BAS 01ATEX2271X	---
6	OUTER SEAL	PCG/ATX/2M	---	SIRA 01ATEX1271X	BAS 01ATEX2271X	SIRA 01ATEX3273X
7	OUTER SKID WASHER	PCG/ATX/11M	---	SIRA 01ATEX1271X	BAS 01ATEX2271X	SIRA 01ATEX3273X
8	OUTER CAP	PCG/ATX/6M	---	SIRA 01ATEX1271X	BAS 01ATEX2271X	SIRA 01ATEX3273X
9	O-RING	PCG/BR	---	---	---	---
10	O-RING	PCG/OR	---	---	---	---
11	CONTINUITY WASHER (d)	PCG/LW2	---	---	---	---

SEAL CODES, PART NOS., MATERIALS & TEMPERATURES

Code	Material	SEAL PART NOS.	TEMPERATURE RANGE
-(a)	Silicone	PCG/ATX/2MOS	-60°C to +135°C Operating
R(a)	Silicone	PCG/ATX/2MOZS	-60°C to +135°C Operating

- NOTES**
- a) Silicone Seals are standard and are coloured white (Part 2MOS) or red (Part 2MOZS)
 - b) Size 16 glands are assembled from Size 20S parts except part 6, when it uses size 16/20. Size 50S, 63S and 75S glands are assembled from standard size 50, 63 and 75 parts 1, 3 and 5, with the rest being S-sized parts.
 - c) PEPPERS T1000 COMPOUND. A 2-part epoxy putty is used to form part 2 of the fitting. Operating temperature is -60°C to +135°C.
 - d) Part 11 is used only on types CR-C2** and CX-C2**. Available in sizes 20S to 100 only.
 - e) Part 3 alternative cone 33VX used only on types CX-C***. Available in sizes 20S and 20 only.
 - f) Please refer to PCG/ATX/PEXMP for full details of marking applied to the product, instructions and product labeling.
 - g) IPX8 rating is 100 metres for a duration of 7 Days.

GLAND SIZE (b)	TRADE SIZE	Armour Dia/Thickness (UNIVERSAL)		Inner Sheath MAX	Outer sheath		Reduced bore		Max dia over cores	Max no. of cores
		MIN	MAX		MIN	MAX	MIN	MAX		
16	1/2"	0.15	1.25	11.7	9.0	13.5	6.7	10.3	10.4	15
20S	1/2"	(*)	0.15 - 1.25	11.7	11.5	16.0	9.4	12.5	10.4	35
20	1/2"	(**)	0.15 - 1.25	14.0	15.5	21.1	12.0	17.6	12.5	40
25	3/4"		0.15 - 1.6	20.0	20.3	27.4	16.8	23.9	17.8	60
32	1"		0.15 - 2.0	26.3	26.7	34.0	23.2	30.5	23.5	80
40	1 1/4"		0.2 - 2.0	32.2	33.0	40.6	28.6	36.2	28.8	130
50S	2"		0.2 - 2.5	38.2	39.4	46.7	34.8	42.4	34.2	200
50	2"		0.2 - 2.5	44.1	45.7	53.2	41.1	48.5	39.4	400
63S	2 1/2"		0.3 - 2.5	50.1	52.1	59.5	47.5	54.8	44.8	400
63	2 1/2"		0.3 - 2.5	56.0	58.4	65.8	53.8	61.2	50.0	425
75S	3"		0.3 - 2.5	62.0	64.8	72.2	60.2	68.0	55.4	425
75	3"		0.3 - 2.5	68.0	71.1	78.0	66.5	73.4	60.8	425
80	3"		0.45 - 3.15	72.0	77.0	84.0	---	---	64.4	425
85	3"		0.45 - 3.15	78.0	79.6	90.0	75.0	85.4	69.8	425
90	3 1/2"		0.45 - 3.15	84.0	88.0	96.0	---	---	75.1	425
100	3 1/2"		0.45 - 3.15	90.0	92.0	102.0	87.4	97.4	80.5	425
100	4"		0.45 - 3.15	90.0	92.0	102.0	87.4	97.4	80.5	425

(*) CX-Cxxx 20S xxxx : 0.15-0.35
 (**) CX-Cxxx 20 xxxx : 0.15-0.5

THIS DRAWING IS OF A CERTIFIED COMPONENT, AND NO CHANGES MUST BE MADE WITHOUT REFERENCE TO THE CERTIFYING AUTHORITY.

GENERAL NOTE
 To minimise galvanic corrosion, the metallic gland components are made from similar materials

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TITLE ATEX BARRIER GLAND RANGE
 BARRIER GLANDS FOR ARMoured AND UNARMoured CABLE, CR-C FAMILY

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DRG. No. PCG/ATX/CR-C
 ISSUE 7