

DRG. No.  
PCG/ATX/ULC

DO NOT SCALE OFF DRAWING "IF IN DOUBT ASK".  
REPORT ALL ERRORS AND ALTERATIONS.

THIRD ANGLE PROJECTION

**MARKING**

1. EXAMPLE OF MARKING ON BAND:-

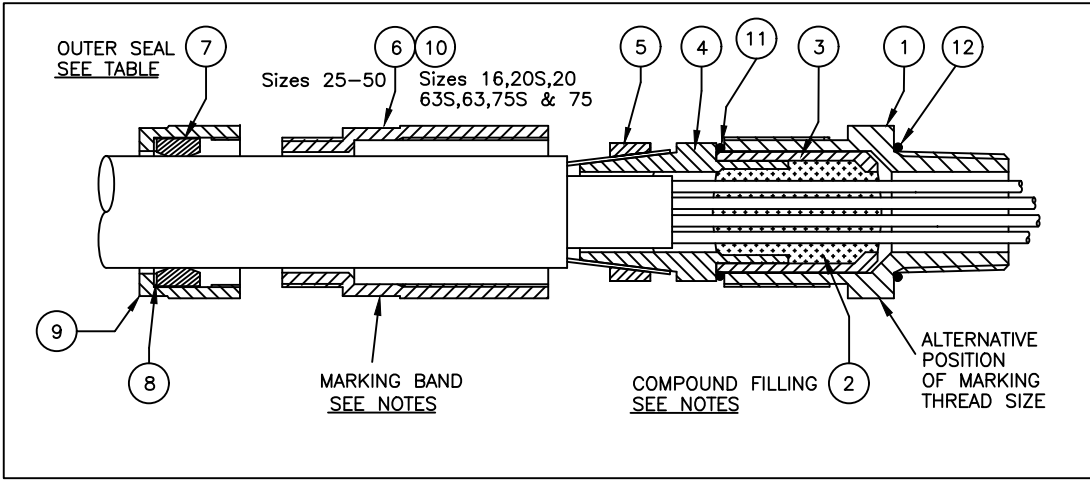
PEPPERS GU15 3BT UK XX (Year Code)  
UL-CB 20 M20  
Exdb I Mb/Exdb IIC Gb/Exeb I Mb/Exeb IIC Gb  
Extra IIC Da IP66 IP68 Ex I M2 II 1D/2G  
SIRA 09ATEX1066X IECEX SIR 09.0033X

2. OTHER MARKS:-

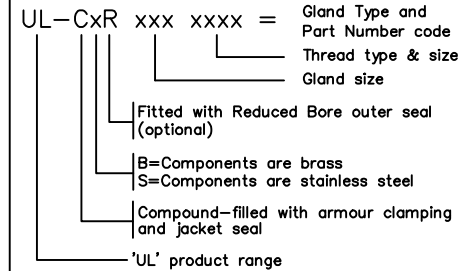
II 3G  
Ex nR IIC Gc  
SIRA10ATEX4124X

COMPLIANT WITH PEPPERS DRAWING  
PCG/ATX/PEXMP. OTHER INFORMATION MAY BE  
MARKED ON THE CABLE GLAND IN ACCORDANCE  
WITH ITS APPROPRIATE APPROVALS.

DRAWN RJW  
DATE 14/06/2010  
CHECKED  
APPROVED  
CAD REF PCGULC  
SCALE N.T.S



**GLAND TYPE NUMBERING**



ISSUE  
1. Original  
2. 19/7/2013  
Notes f, g & h added. Max core & temperature detail clarified. Size 50s to size 75 NPT thread sizes corrected.  
3. 26/01/2015  
Thread sizes column title, Marking and Note h amended.  
4. 28/02/2017  
Size 16 Min outer sealing range corrected. "ATX" drawing refs added. Marking updated. Note e amended.

**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/31UL	PCG/ETDUL	---	---	---
2	COMPOUND (d)	---	---	SIRA 03ATEX1479X	---	---
3	FRONT FERRULE	PCG/ATX/32UL	---	---	---	---
4	CONE	PCG/ATX/33UL	---	---	---	---
5	CLAMP RING	PCG/ATX/10V	---	SIRA 03ATEX1479X	BAS 01ATEX2271X	---
6	MIDDLE CAP	PCG/ATX/5V	---	SIRA 03ATEX1479X	BAS 01ATEX2271X	---
7	OUTER SEAL (a)	PCG/ATX/2M	---	SIRA 03ATEX1479X	SIRA 01ATEX1271X	BAS 01ATEX2271X
8	OUTER SKID WASHER	PCG/ATX/11M	---	SIRA 03ATEX1479X	SIRA 01ATEX1271X	BAS 01ATEX2271X
9	OUTER CAP	PCG/ATX/6M	---	SIRA 03ATEX1479X	SIRA 01ATEX1271X	BAS 01ATEX2271X
10	MIDDLE CAP	PCG/ATX/5UL	---	---	---	---
11	SILICONE O-RING	PCG/OR	---	---	---	---
12	SILICONE O-RING	PCG/ETOR	---	---	---	---

**SEAL CODES, PART NOS., MATERIALS & TEMPERATURES**

Code	Material	SEAL PART NOS.	TEMPERATURE RANGE
-(a)	Silicone	PCG/ATX/2MOS	SEE NOTE f
R(a)	Silicone	PCG/ATX/2MOZS	SEE NOTE f

**NOTES**

- a All seals are Silicone material. Standard seals (part 2MOS) are colour white. Reduced bore seals (part 2MOZS) are colour red.
- b Size 16 glands are assembled from size 20S parts except part 7, when it uses size 16/20.
- c Size 50S, 63S & 75S glands are assembled from standard size 50, 63 & 75 parts 1, 3 & 4 with parts 6, 7, 8, 9 & 10 being S-sized.
- d 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.
- e Alternative threads & larger trade sizes can be supplied on a fitting of standard gland size. In such cases, entry body part 1 is manufactured according to drawing PCG/ETDUL.
- f ATEX / IECEX Approved Temperature: -60°C to +135°C  
UL/NEC Approved Temperature: -20°C to +85°C
- g All Marine Shipboard Cable Armours are accepted
- h Item 12 is optional o-ring for entry bodies with Metricl threads. O-ring is appropriate to the size of the entry thread.

X-REFS:-

GLAND SIZE (b,c)	STANDARD ISO M SIZE (e)	STANDARD NPT SIZE (e)	Armour Dia/Thickness (UNIVERSAL)	CABLE SIZE ACCEPTANCE DATA					Max Dia. over cores	ATEX/IEC Max No. of Cores	NEC Max No. of Cores
				Inner Sheath	Outer jacket sealing ranges		Max Dia. over cores	ATEX/IEC Max No. of Cores			
				Standard seal	Reduced bore						
16	M20 & M25	1/2" & 3/4"	0.15 - 1.25	11.7	8.4	13.5	6.7	10.3	10.4	15	1
20S	M20 & M25	1/2" & 3/4"	0.15 - 1.25	11.7	11.5	16.0	9.4	12.5	10.4	35	4
20	M20 & M25	1/2" & 3/4"	0.15 - 1.25	14.0	15.5	21.1	14.3	17.6	12.5	40	8
25	M25 & M32	3/4" & 1"	0.15 - 1.6	20.0	20.3	27.4	17.5	23.9	17.8	60	16
32	M32 & M40	1" & 1 1/4"	0.15 - 2.0	26.3	26.7	34.0	25.0	30.5	23.5	80	30
40	M40 & M50	1 1/4" & 1 1/2"	0.2 - 2.0	32.2	33.0	40.6	29.3	36.2	28.8	130	60
50S	M50 & M63	2"	0.2 - 2.5	38.2	39.4	46.7	38.1	42.4	34.9	200	5
50	M50 & M63	2"	0.2 - 2.5	44.1	45.7	53.2	41.1	48.5	39.4	400	5
63S	M63 & M75	2 1/2"	0.3 - 2.5	50.1	52.1	59.5	46.9	54.8	44.8	400	4
63	M63 & M75	2 1/2"	0.3 - 2.5	56.0	58.4	65.8	53.8	61.2	50.0	425	4
75S	M75	3"	0.3 - 2.5	62.0	64.8	72.2	62.7	68.0	55.4	425	4
75	M75	3"	0.3 - 2.5	68.0	71.1	78.0	66.5	73.4	60.8	425	4

GENERAL NOTE.  
To minimise galvanic corrosion the metallic gland components are made from similar metals.

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



PEPPERS CABLE GLANDS LIMITED  
STANHOPE ROAD, CAMBERLEY, SURREY, UK.  
TEL +44 (0)1276 64232, FAX +44 (0)1276 691752

TITLE ATEX BARRIER GLAND RANGE  
FOR ARMoured & MARINE SHIPBOARD  
CABLE, UL-C\*\* FAMILY

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DRG. No.  
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ISSUE 4