

DRG. No.  
PCG/ATX/LTC

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

THIRD ANGLE PROJECTION

**MARKING**

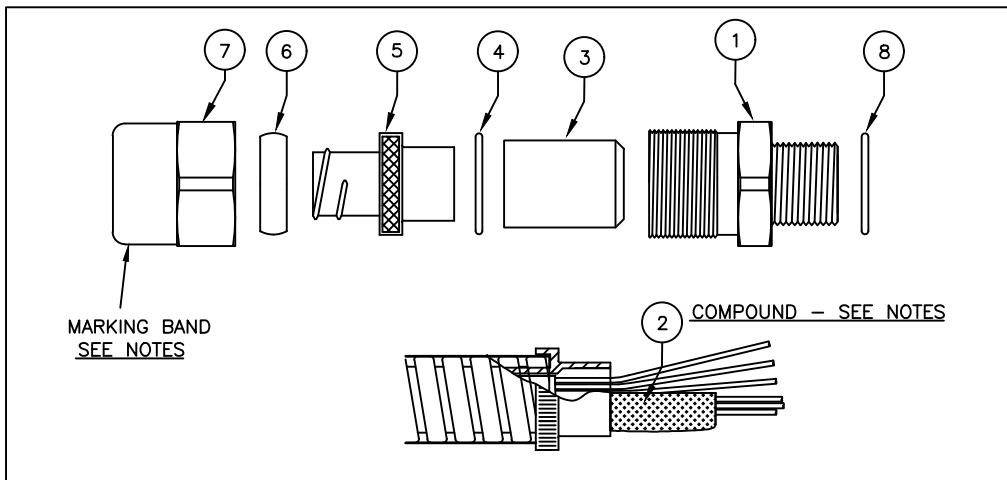
1. EXAMPLE OF MARKING ON BAND:-

PEPPERS GU15 3BT UK XX (Year Code)  
LT-CB 20-1 M20  
Exdb I Mb/Exdb IIC Gb/Exeb I Mb/Exeb IIC Gb  
ExtA IIC Da IP66 IP68 Ex I M2 II 1D/2G  
SIRA 14ATEX1303X IECEX SIR 14.0106X

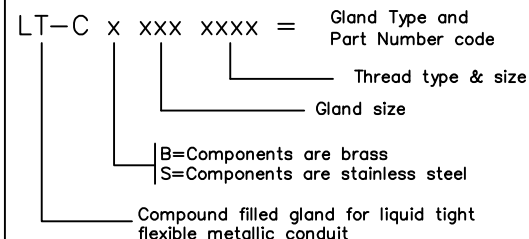
2. SPECIAL MARKS:-

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 01/12/2014                                       |
| CHECKED   |
| APPROVED  |
| CAD REF   |
| SCALE N.T.S   |
| ISSUE   |
| 1. 01/12/14   |
| 2. 20/02/17   |
| 'Draft' ref corrected.                                |
| Sizes 63 & 75 NPT threads corrected.                  |
| Inner sheath Max & Max Diameter Over Cores corrected. |
| Marking updated.                                      |
| Note c amended.                                       |
| 3. 26/04/18   |
| Note b expanded.                                      |



**GLAND TYPE NUMBERING**



**PARTS LIST & CERTIFICATE CROSS-REFERENCE**

| Balloon Ref | Part Description | Drawing Number | Alternative Drawing Number | Other Certificate Nos. used on | Other Certificate Nos. used on |
|-------------|------------------|----------------|----------------------------|--------------------------------|--------------------------------|
| 1           | ENTRY BODY       | PCG/31UL       | PCG/ETDMV                  | SIRA 09ATEX1066X               | ---                            |
| 2           | COMPOUND (b)     | ---            | ---                        | SIRA 03ATEX1479X               | SIRA 09ATEX1066X               |
| 3           | FRONT FERRULE    | PCG/32UL       | ---                        | SIRA 09ATEX1066X               | ---                            |
| 4           | SILICONE O-RING  | PCG/OR         | ---                        | SIRA 09ATEX1066X               | ---                            |
| 5           | FERRULE ANCHOR   | PCG/ATX/34C    | ---                        | ---                            | ---                            |
| 6           | CONDUIT OLIVE    | PCG/ATX/37C    | ---                        | ---                            | ---                            |
| 7           | OUTER CAP        | PCG/ATX/36C    | ---                        | ---                            | ---                            |
| 8           | SILICONE O-RING  | PCG/ETOR       | ---                        | SIRA 03ATEX1479X               | SIRA 09ATEX1066X               |

**CERTIFICATION NOTES**

**NOTES**

- a These cable glands are intended for use with liquid tight flexible metallic conduit. The conduit being wound with either a square-locked or interlocked design.
- b PEPPERS T1000 COMPOUND. A 2-part epoxy putty is used to form part 2 of the fitting. Operating temperature is -60°C to +155°C. PEPPERS T1000 COMPOUND was assessed at 155°C for an approved temperature of 135°C as per ATEX/IECEX 60079-0 Thermal Endurance to heat.
- c Alternative threads and 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/ETDMV
- d ATEX / IECEX Approved Temperature: -60°C to +135°C
- e Stainless Steel glands may have marking electrochemically etched.
- f Plating may be applied to any or all main gland body components except the front ferrule. Maximum thickness of electroplating is 0.008mm. Plating types are Zinc, Nickel, Electroless Nickel and Tin.

| GLAND SIZE | SIZE ISO M (c) | SIZE NPT (c) | CABLE/CONDUIT SIZE ACCEPTANCE DATA |                     |                                    |      |                     |                      |
|------------|----------------|--------------|------------------------------------|---------------------|------------------------------------|------|---------------------|----------------------|
|            |                |              | Inner Sheath MAX                   | Typical Conduit I/D | Conduit Outer Sheath Sealing Range |      | Max Dia. over cores | Maximum No. of Cores |
|            |                |              |                                    |                     | MIN                                | MAX  |                     |                      |
| 20S-1      | M20            | 1/2"         | 5.0                                | 6.2 - 7.1           | 11.4                               | 12.9 | 5.0                 | 9                    |
| 20S-2      | M20            | 1/2"         | 7.8                                | 9.8 - 10.3          | 14.2                               | 15.6 | 7.8                 | 20                   |
| 20-1       | M20            | 1/2"         | 10.4                               | 12.1 - 13.0         | 17.0                               | 19.1 | 10.4                | 35                   |
| 20-2       | M20            | 1/2"         | 13.3                               | 15.8 - 16.3         | 20.8                               | 22.3 | 12.5                | 40                   |
| 25-1       | M25            | 3/4"         | 18.0                               | 20.8 - 21.3         | 26.0                               | 27.8 | 17.8                | 60                   |
| 32-1       | M32            | 1"           | 23.6                               | 26.0 - 27.1         | 32.7                               | 34.5 | 23.5                | 80                   |
| 40-1       | M40            | 1 1/4"       | 31.8                               | 34.8 - 35.8         | 41.1                               | 43.3 | 28.8                | 130                  |
| 50-1       | M50            | 2"           | 37.0                               | 40.0 - 40.6         | 47.3                               | 49.4 | 37.0                | 200                  |
| 63-1       | M63            | 2 1/2"       | 48.0                               | 50.5 - 51.9         | 59.4                               | 61.4 | 48.0                | 300                  |
| 75-1       | M75            | 3"           | 59.3                               | 62.9 - 63.9         | 72.1                               | 74.1 | 59.3                | 325                  |
| 75-2       | M75            | 3"           | 68.0                               | 77.9 - 78.7         | 87.8                               | 90.0 | 60.8                | 425                  |

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



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TITLE ATEX BARRIER GLAND RANGE  
FOR LIQUID TIGHT FLEXIBLE CONDUIT  
LT-C CABLE GLAND

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DRG. No.  
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ISSUE 3

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