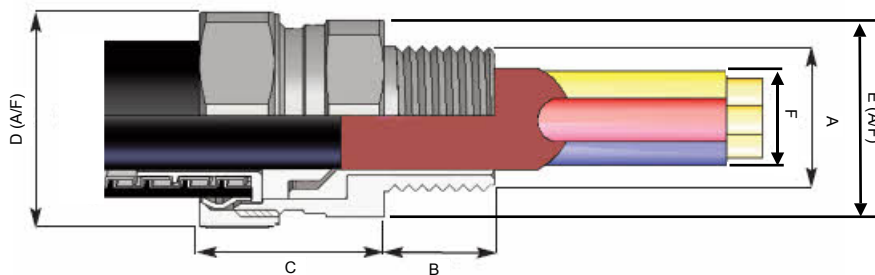
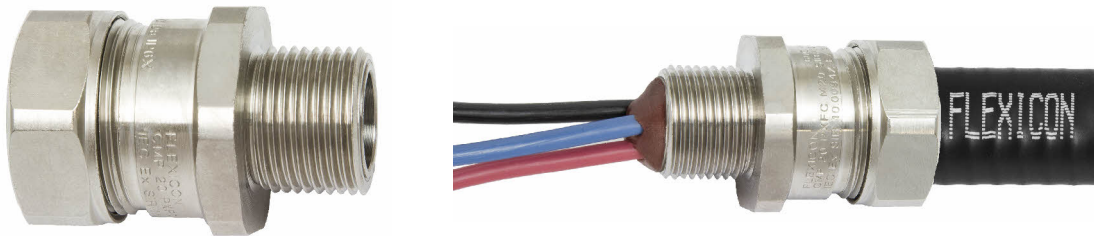


| | |
|------------------------------|--|
| Technical Data Sheet: | DS510/1010 |
| Product Description | Straight, external thread, nickel plated brass, flameproof barrier gland for use with LTP / LTPHC / LTPUL / LTPSS / LTPPU conduits. |
| Product Range | LTP - EXD Type Flameproof Barrier Gland (Metric Threads) |



Material:

Nickel Plated Brass with inner Compound Barrier

Colour:

Self colour

Fire Performance:

Testing & Standards:



IEC EN 61386



IP Rating:

- IP66, IP67, IP68 (5bar), IP69K

Applications:

For indoor or outdoor use in Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas with all types of cables housed in Liquid Tight flexible conduit systems.

Suitable for knockouts or threaded entries. Nickel plated brass compression fitting comprising of body, nut, earthing ferrule, nylon compression seal and compound barrier. The compound barrier seals around the cable conductors. The earthing ferrule is manufactured in machined nickel plated brass to facilitate easy assembly and re-use. Also ensures high mechanical strength and electrical continuity.

Features:

- High tensile strength
- Oil resistant
- Corrosion resistant
- Conforms to EN 61386

NPT threads available on request

Temperature Performance:

-60°C to +85°C

| Conduit Size | Part No. | Metric Thread | Dimension (mm) | | | | |
|--------------|---------------|---------------|----------------|----|----|---------|---------|
| | | | A | B | C | D (A/F) | E (A/F) |
| 16 | LTP16-M20-EXD | M20 X 1.5 | 15 | 32 | 29 | 30 | 10.7 |
| 20 | LTP20-M20-EXD | M20 X 1.5 | 15 | 32 | 29 | 30 | 13.0 |
| 25 | LTP25-M25-EXD | M25 X 1.5 | 15 | 35 | 35 | 36 | 18.0 |
| 32 | LTP32-M32-EXD | M32 X 1.5 | 15 | 37 | 42 | 46 | 24.0 |
| 40 | LTP40-M40-EXD | M40 X 1.5 | 15 | 38 | 52 | 52 | 30.4 |
| 50 | LTP50-M50-EXD | M50 X 1.5 | 15 | 40 | 58 | 60 | 37.0 |
| 63 | LTP63-M63-EXD | M63 X 1.5 | 15 | 40 | 70 | 70 | 48.4 |

- Can be used in zone 1, zone 2, zone 21 and zone 22 Hazardous areas when used with Flexicon's Liquid Tight range of flexible conduits
- ATEX and IECEx EX d (Flameproof)
- ATEX and IECEx EX e (Increased Safety)
- ATEX and IECEx EX t (Dust Ignition Protection)

Typical Applications;

- On-shore and off-shore petrochemical and refining plants
- Distilleries
- Paint Spraying Plants
- Flourmills
- Woodworking Machine Plants
- Water Industry
- Petrol forecourt environments
- Pharmaceutical industry

Compliance, Approvals & Accreditation;



Errors, omissions and amendments excepted. As part of continuing product development Flexicon Ltd reserve the right to alter product specifications without prior notice. Data given is correct at time of compilation. Product specification and application data is for guidance only and does not constitute a warranty of any kind, either expressed or implied for Flexicon products or their suitability for a specific purpose. Third party approvals maybe limited to certain sizes within a product range.

| | |
|------------------------------|--|
| Technical Data Sheet: | DS510/1010 |
| Product Description | Straight, external thread, nickel plated brass, flameproof barrier gland for use with LTP / LTPHC / LTPUL / LTPSS / LTPPU conduits. |
| Product Range | LTP - EXD Type Flameproof Barrier Gland (Metric Threads) |



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
TEL 0044 117 977 4647 FAX 0044 977 5582
WWW.THORNEANDDERRICK.CO.UK



- **IP rating - IP66, IP67, IP68 (5Bar), IP69K**

Construction and Materials

- Nickel plated brass compression fitting with nylon compression seal to connect onto any Liquid Tight conduit. Supplied with 2 part compound barrier to pack around the cables - refer to instructional video on our website (www.flexicon.uk.com). Instructions and gloves are included.
- Stainless steel (grade 316) version and other threads e.g. NPT available on request.
- Fibre face sealing washers can be used to ensure IP rating onto enclosure.



Hazardous area Classification

| | |
|--------------------------------------|---|
| ATEX APPROVAL: | Sira Certificate No Sira 10ATEX1172X |
| Ex d FLAMEPROOF | Ex d IIC Gb EN 60079-1 2007 |
| Ex e INCREASED SAFETY | Ex e IIC Gb EN 60079-7 2007 |
| Ex t DUST IGNITION PROTECTION | Ex ta III C Da IP6X IEC 60079-31 2008 |
| IECEX APPROVAL | Sira Certificate No IECEX SIR 10.0094X |
| Ex d FLAMEPROOF | Ex d IIC Gb IEC 60079-1 2007 |
| Ex e INCREASED SAFETY | Ex e IIC Gb IEC 60079-7 2006-7 |
| Ex t DUST IGNITION PROTECTION | Ex ta III C Da IP6X IEC 60079-31 2008 |

- Can be used with the following Liquid Tight flexible conduits;
 - LTP
 - LTPHC
 - LTPUL
 - LTPSS
 - LTPPU
 - LTBRDP
 - LTBRDLFH

Other Products available;

| | |
|--|--|
| | |
|--|--|

| | | | |
|--|--|------------------------------|------------------------------------|
| Created by; Colin Legg - Marketing Manager | Approved by; Ian Gibson - Technical Director | Date; October 2010 | Page Number; Page 2 of 2 |
|--|--|------------------------------|------------------------------------|