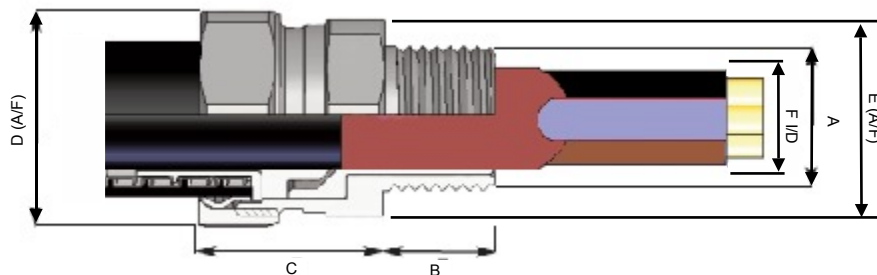
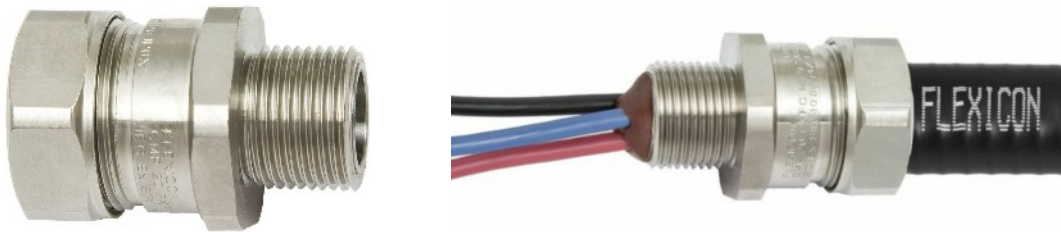


<b>Technical Data Sheet:</b>	<b>DS515/0413</b>
<b>Product Description</b>	<b>Straight, external thread, stainless steel (316), flameproof barrier gland for use with LTP / LTPHC / LTPLFH / LTPUL / LTPSS / LTPPU / LTBRDP / LTBRDLFH conduits.</b>
<b>Product Range</b>	<b>LTP - EXD - SS Type Flameproof Barrier Gland (Metric Threads)</b>

Roman Way, Coleshill  
Birmingham  
B46 1HG, United Kingdom  
Tel: 00 44 (0)1675 466900  
Website: www.flexicon.uk.com



<b>Material:</b> Stainless Steel (316) with inner Compound Barrier
<b>Colour:</b> Self colour
<b>IP Rating:</b> • IP66, IP67, IP68 (5bar), IP69K
<b>Applications:</b> 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. Stainless Steel compression fitting comprising of body, nut, insert, nylon compression seal and compound barrier. The compound barrier seals around the cable conductors. The insert, compound tube and washer are made from nickel plated brass as these are internal components. Also ensures high mechanical strength and electrical continuity.
<b>Features:</b> • High tensile strength • Oil resistant • Corrosion resistant • Conforms to EN 61386  NPT threads versions available on request
<b>Temperature Performance:</b> -60°C to +85°C

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

- Group I and Group II approvals
- 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 ta (Dust Ignition Protection)

**Compliance, Approvals & Accreditation;**



EN 61386 Classification Available on request

**Typical Applications;**

- On-shore and off-shore petrochemical and refining plants
- Distilleries
- Flourmills
- Water Industry
- Pharmaceutical industry

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.

Created by; <b>Colin Legg - Marketing Manager</b>	Approved by; <b>Ian Gibson - Technical Director</b>	Date; <b>April 2013</b>	Page Number; <b>Page 1 of 2</b>
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**FLEXICON**  
 FLEXIBLE CONDUIT SOLUTIONS  
 Roman Way, Coleshill  
 Birmingham  
 B46 1HG, United Kingdom  
 Tel: 00 44 (0)1675 466900  
 Website: www.flexicon.uk.com

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

## Construction and Materials

• Stainless Steel (316) compression fitting with nylon compression seal to connect onto any Liquid Tight conduit. Supplied with 2 part compound barrier to pack around the cables - assembly instructions included with every gland, or refer to instructional video on our website (www.flexicon.uk.com). Gloves are included.

- Fibre face sealing washers can be used to ensure IP rating onto enclosure.

Group I	<b>ATEX APPROVAL to EN60079-0 2009</b>	<b>Sira Certificate no:</b>	<b>Sira 10ATEX1172X</b>	
	Ex d Flameproof	Ex d I Mb	EN 60079-1 2007	
	Ex e Increased Safety	Ex e I Mb	EN 60079-7 2007	
	<b>IECEX APPROVAL to IEC80079-0 2007</b>	<b>Sira Certificate no:</b>	<b>IECEX SIR 10.0094X</b>	
	Ex d Flameproof	Ex d I Mb	IEC 60079-1 2007	
	Ex e Increased Safety	Ex e I Mb	IEC 60079-7 2006-7	
Group II	<b>ATEX APPROVAL to EN60079-0 2009</b>	<b>Sira Certificate no:</b>	<b>Sira 10ATEX1172X</b>	
	Ex d Flameproof	Ex d II Mb	EN 60079-1 2007	
	Ex e Increased Safety	Ex e II Mb	EN 60079-7 2007	
	Ex ta Dust Ignition Proof	Ex ta III C DA IP6X	IEC 60079-31 2008	
	<b>IECEX APPROVAL to IEC80079-0 2007</b>	<b>Sira Certificate no:</b>	<b>IECEX SIR 10.0094X</b>	
		Ex d Flameproof	Ex d II Mb	IEC 60079-1 2007
	Ex e Increased Safety	Ex e II Mb	IEC 60079-7 2006-7	
	Ex ta Dust Ignition Proof	Ex ta III C DA IP6X	IEC 60079-31 2008	
	<b>GOST APPROVAL no.</b>	<b>POCC GB.HO06.B00207</b>		

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

Created by; <b>Colin Legg - Marketing Manager</b>	Approved by; <b>Ian Gibson - Technical Director</b>	Date; <b>April 2013</b>	Page Number; <b>Page 2 of 2</b>
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