

## FLEXICON EXE CONDUIT FITTING

### Certification Details

Certificates	:	ITS14ATEX37958U	IECEX ITS14.0005U
Directive Markings	:	II2GD	
Markings	:	Ex e II Gb ; Ex tb III	
Ingress Protection	:	IP66	

### Installation Instructions

Installation should only be carried out by a competent person using the correct tools and in accordance with IEC/EN 60079-14. Installation is shown for the Straight version but also applies to the 45° and 90° elbow versions.

### Schedule of Limitations

- The cable fitting shall only be used where the ambient temperature is in the range of -20°C to +85°C

### Application Data

Suitable for knockouts or threaded entries. Nickel plated brass compression fitting comprises of body, nut, earthing ferrule, nylon compression seal, sealing washer and insulating throat. The earthing ferrule is machined nickel plated brass to facilitate easy assembly and re-use. Also ensures high mechanical strength and electrical continuity.

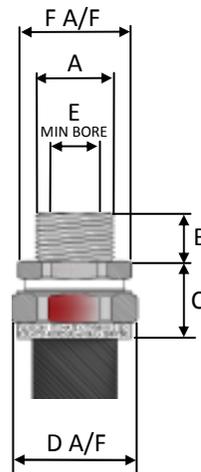
Conduit gland can be used with the following conduits.

LTP/LTPAS/LTPHC/LTPUL/LTPSS/LTPPU/LTPPUAS/LTBRDP/LTBRDLFH/LTPLFH.

### Note

Assembly torques for the compression nut are shown in the table below. It should be ensured that maintenance is carried out on a regular basis to ensure that the compression nut is tightened to the values shown. The coating of the conduit can relax over time and if the compression nut is not tightened accordingly then the IP rating of the gland may be compromised.

Conduit Size	Part No.	Metric Thread	Dimensions (mm)					Compression nut Torque Nm
			A	B	C	D (A/F)	E	
16	LTP16-M20-EXE	M20x1.5	12.0	21.2	26.0	10.7	24.0	12-15
20	LTP20-M20-EXE	M20x1.5	12.0	21.7	29.0	14.5	26.0	14-17
25	LTP25-M25-EXE	M25x1.5	14.0	26.7	35.0	18.0	33.0	17-22
32	LTP32-M32-EXE	M32x1.5	15.0	31.0	42.0	24.6	40.0	21-28
40	LTP40-M40-EXE	M40x1.5	16.0	31.7	52.0	32.7	50.0	43-53
50	LTP50-M50-EXE	M50x1.5	18.0	35.2	58.0	37.7	58.0	49-63
63	LTP63-M63-EXE	M63x1.5	20.0	39.0	70.0	49.0	70.0	50-65



The part numbers above are for the metric straight gland. This is also available with NPT or Pg threads, or, as a 45° or 90° elbow. Please contact sales for details.

Manufactured by Flexicon Ltd Roman Way, Coleshill, Birmingham, B46 1HG UK  
(T) +44 (0) 1675 466900 sales@flexicon.uk.com www.flexicon.uk.com

CE 0359

Notified Body: Intertek Testing & Certification Ltd  
ITS House, Cleeve Road, Leatherhead KT22 7SB

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**FLEXICON**  
FLEXIBLE CONDUIT SOLUTIONS

QC 46 Iss 2

## INSTALLATION INSTRUCTIONS

Assembly Fitting Instructions for Installation of Flexicon LTP-EXE Nickel Plated Conduit fitting.

For use in hazardous areas when used with the Flexicon range of LTP conduits.  
Certified Ex e II Gb Ex tb III IP66 to operating temperature range -20° to +85°.

## FLEXICON EXE FITTING

### EC Declaration of Conformity

We declare under our sole responsibility that products to which this declaration relates are in conformity with the provisions of the ATEX Directive **2014/34/EU**.

Manufacturer	Flexicon Ltd Roman Way Coleshill Birmingham B46 1HG UK
Products	Range of liquid tight conduit fittings. Series Reference EXE
Marking	II2GD Ex e II Gb Ex tb IIIC Db CE 0359 IP66



Harmonized Standards EN 60079-0:2012; EN 60079-7:2007; EN 60079-31:2009

Certificate Number ITS14ATEX37958U

Certification Body & Production Quality Intertek Testing & Certification Ltd  
Cleeve Road, Leatherhead, Surrey KT22 7SB

Assurance Notification ITS14ATEXQ7980  
Notified Body Number 0359.

*Phil Winship*  
Phil Winship  
Development Engineer/Authorised Person  
March 2015



Roman Way, Coleshill, Birmingham, B46 1HG  
sales@flexicon.uk.com

(T) +44 (0) 1675 466900  
www.flexicon.uk.com



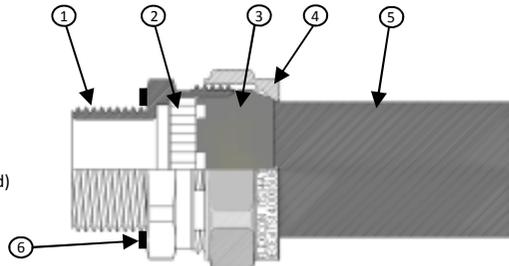
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## FLEXICON EXE CONDUIT FITTING

### INSTALLATION INSTRUCTIONS FOR FLEXICON CONDUIT FITTING TYPE EXE

#### CONDUIT FITTING COMPONENTS

1. Gland Body
2. Conduit Insert
3. Conduit Seal
4. Compression Nut
5. Liquidtight Conduit
6. Compression Seal (supplied)



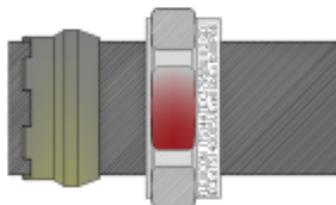
#### PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

It is important to ensure that the cable you use has a working ambient temperature matching the requirements of the installation.

1. Cut the metallic conduit to the required length with a fine tooth (32 tpi) hacksaw or bandsaw. Ensuring that you make a straight vertical cut. Clamping vice part number BSB makes the use of the hacksaw easier.

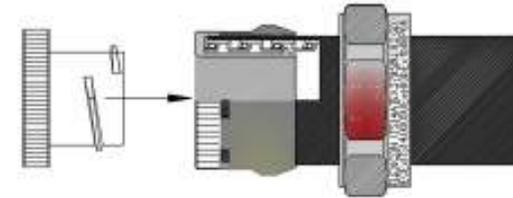


2. Pass the compression nut over the conduit and then slide the seal onto the conduit ensuring that the angled side is towards the compression gland as shown below.

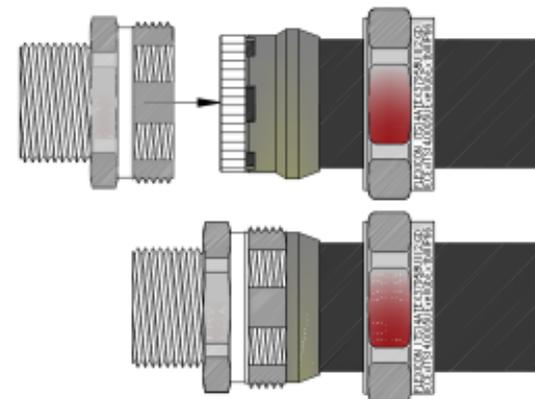


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3. Screw conduit insert fully into the conduit so that it covers the end of the conduit.



4. Offer up the body of the fitting and then hand tighten the nut onto the body.



5. Tighten up the nut onto the body with appropriate spanners and to the torque shown on the table.

