

# METALLIC LT/LOR



## LT/LOR

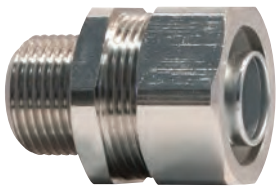
Premium Grade Liquid Tight Conduit  
Hot and Cold Environments

### CONSTRUCTION:

LT/LOR has a flexible hot dipped galvanised steel core made from spiral wound corrosion resistant plated steel and contains nylon cord packing. A smooth high/low temperature flexible PVC sheath is extruded over the core and allows a wide operational temperature range. The product is UV stabilised.

### APPLICATION:

Type LT/LOR is well suited for exposure to extreme climatic conditions. It is also widely used on industrial process equipment such as annealing ovens, water treatment plants, foundries, refrigeration, etc. Uses standard liquidtight connectors.



**LC - B**  
(IP66/67/68)  
**External Male Thread Straight**  
Multi part compression fitting with a nylon seal  
Available in Zinc Plated Steel, Nickel Plated Brass (B) and 316 Stainless Steel (SS)



**LC - 45 - B**  
(IP66/67/68)  
**External Male Thread 45 degree bend**  
Multi part compression fitting with a nylon seal  
Available in Zinc Plated Steel, Nickel Plated Brass (B) and 316 Stainless Steel (SS)



**LC-90 - B**  
(IP66/67/68)  
**External Male Thread 90 degree bend**  
Multi part compression fitting with a nylon seal  
Available in Zinc Plated Steel, Nickel Plated Brass (B) and 316 Stainless Steel (SS)

Part number	Nominal Size	Outside dia (mm)	Inside dia (mm)	Reel length (m)	Minimum inside bend radius (mm)	Metric thread steel straight	Metric thread nickel plated brass straight	Metric thread 316 stainless steel straight	PG thread nickel plated brass straight	NPT thread steel straight
Locknuts, P Clips, Ferrules, Couplers, Joiners, reducers, etc: refer Accessories Page										
LT/LOR016	16	17.8	12.5	15,30,150	38.0	LC-16	LC-16-B	LC-16-SS		LTC-10
						LC-16/20	LC-16/20-B	LC-16/20-SS		
LT/LOR020	20	21.1	16.0	15,30,150	51.0	LC-20	LC-20-B	LC-20-SS	LC-20-PG16-B	LTC-11
LT/LOR025	25	26.4	21.0	15,30,150	64.0	LC-25	LC-25-B	LC-25-SS	LC-25-PG21-B	LTC-12
LT/LOR032	32	33.1	26.7	15,30,120	76.0	LC-32	LC-32-B	LC-32-SS		LTC-13
LT/LOR040	40	41.8	35.5	15,45	89.0	LC-40	LC-40-B	LC-40-SS		LTC-14
LT/LOR050	50	47.9	40.3	15,45	114.0	LC-50	LC-50-B	LC-50-SS		LTC-15
LT/LOR063	63	59.7	51.6	15,30	140.0	LC-63	LC-63-B	LC-63-SS		LTC-16
LT/LOR080	80	88.4	78.3	8,15	254.0	LC-80				LTC_80
LT/LOR100	100	113.8	102.0	8	305.0	LC-100				LTC-100

Available in Black (B) Grey (G) and Orange (O)

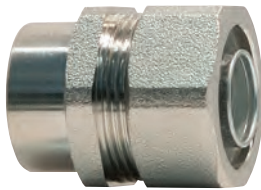
## TECHNICAL FEATURES:

Example LT/LOR020: Tensile strength 135kg.  
Compression Strength 530kg / 100mm

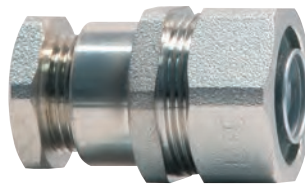
Information on other sizes available on request.

- ▶ **METAL USED:** Hot dipped galvanised steel
- ▶ **PLASTIC USED:** PVC UV resistant
- ▶ **STANDARD COLOURS:** Black, Grey and Orange
- ▶ **WORKING TEMPERATURES:** -55°C to +120°C
- ▶ **CHEMICAL RESISTANCE:** Oil and acid resistant  
(Refer Chemical Resistance Guide on [www.electriflex.com](http://www.electriflex.com))
- ▶ **FITTINGS:** Use standard Liquidtight fittings IP 66/67/68
- ▶ **RoHS** and WEEE Compliant
- ▶ **AUSTRALIAN STANDARDS: AS/NZS 2053.8:1995**  
**TEST REPORT NUMBER: 19301601001**

**NOTE:** For a UL listed and CSA certified version, see Type ATLA



**LC - FH - B**  
(IP66/67/68)  
**Internal Thread Female Hub fitting**  
Multi part compression fitting with a nylon seal  
Available in Zinc Plated Steel, Nickel Plated Brass (B) and 316 Stainless Steel (SS)



**LC - SPS - B**  
(IP66/67/68)  
**Space Saver**  
Multi part compression fitting with a nylon seal.  
Contains female threaded body component and a male threaded bush component, which minimises the amount of space taken up inside enclosures.  
Available in Brass (B)



**LT - F**  
**FERRULE**  
Electro galvanised steel ferrule designed to protect cables against sharp edged conduits

Metric thread steel 45 degree

Metric thread nickel plated brass 45 degree

Metric thread steel 90 degree

Metric thread nickel plated brass 90 degree

Metric thread 316 stainless steel 90 degree

NPT thread steel 90 degree

Metric thread nickel plated brass Hub fitting

Metric thread 316 stainless steel Hub

Metric thread nickel plated brass Space Saver

Steel zinc plated ferrule

LC-16-45	LC-16-45-B	LC-16-90	LC-16-90-B		LTC-20			LC-16-SPS	LT-16F
LC-16/20-45	LC-16/20-45-B	LC-16/20-90	LC-16/20-90-B	LC-16/20-90-SS		LC-16/20-FH-B			LT-16F
LC-20-45	LC-20-45-B	LC-20-90	LC-20-90-B	LC-20-90-SS	LTC-21	LC-20-FH-B	LC-20-FH-SS	LC-20-SPS	LT-20F
LC-25-45	LC-25-45-B	LC-25-90	LC-25-90-B	LC-25-90-SS	LTC-22	LC-25-FH-B	LC-25-FH-SS	LC-25-SPS	LT-25F
LC-32-45	LC-32-45-B	LC-32-90	LC-32-90-B	LC-32-90-SS	LTC-23	LC-32-FH-B	LC-32-FH-SS	LC-32-SPS	LT-32F
LC-40-45	LC-40-45-B	LC-40-90	LC-40-90-B	LC-40-90-SS	LTC-24	LC-40-FH-B		LC-40-SPS	LT-40F
LC-50-45	LC-50-45-B	LC-50-90	LC-50-90-B	LC-50-90-SS	LTC-25	LC-50-FH-B			LT-50F
LC-63-45	LC-63-45-B	LC-63-90	LC-63-90-B	LC-63-90-SS	LTC-26				LT-63F