



LT

General Purpose Liquid Tight Conduit

CONSTRUCTION:

LT has a flexible hot dipped galvanised steel core made from spiral wound corrosion resistant plated steel and contains nylon cord packing. A flexible smooth outer PVC sheath is extruded over the core. The product is UV stabilised.

APPLICATION:

LT conduit is used extensively in the machine tool and other industrial environments where flexibility is necessary or where vibration or movement must be absorbed.



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										
LT016	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		
LT020	20	21.1	16.0	15,30,150	51.0	LC-20	LC-20-B	LC-20-SS	LC-20-PG16-B	LTC-11
LT025	25	26.4	21.0	15,30,150	64.0	LC-25	LC-25-B	LC-25-SS	LC-25-PG21-B	LTC-12
LT032	32	33.1	26.7	15,30,120	76.0	LC-32	LC-32-B	LC-32-SS		LTC-13
LT040	40	41.8	35.5	15,60	89.0	LC-40	LC-40-B	LC-40-SS		LTC-14
LT050	50	47.9	40.3	15,45	114.0	LC-50	LC-50-B	LC-50-SS		LTC-15
LT063	63	59.7	51.6	15,30	140.0	LC-63	LC-63-B	LC-63-SS		LTC-16
LT080	80	88.4	78.3	8,15	254.0	LC-80				LTC-80
LT100	100	113.8	102.0	8	305.0	LC-100				LTC-100

Available in Black (B) and Grey (G)

TECHNICAL FEATURES:

Example LT020: 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 and Grey
- ▶ **WORKING TEMPERATURES:** -20°C to +80°C
- ▶ **CHEMICAL RESISTANCE:** Oil and acid resistant
(Refer Chemical Resistance Guide on www.electriflex.com)
- ▶ **FITTINGS:** Use standard Liqudtight fittings IP 66/67/68
- ▶ **RoHS** and WEEE Compliant

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



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
(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

Specialised fittings and conduit available on request.