

LTP, LTPAS, LTPHC, LTPUL & LTPLFH

NEW AS ANTI-STATIC EXTRA LOW FIRE HAZARD **

galvanised steel, plastic coated liquid tight

Conduit

Fittings

LTP / LTPAS

Construction: Galvanised steel, helically wound, flexible conduit with smooth oil resistant and high temperature pvc cover. Colour black. Grey or orange on request.

Typical Applications: Machine tools or outdoor installations where liquid tight is a requirement.

Special Characteristics: Oil resistant and self extinguishing.

LTPAS version as above but with anti-static performance coating (only available in black).

LTPHC

Construction: Galvanised steel, helically wound, flexible conduit with smooth thermoplastic elastomer (TPE) cover. Colour black.

Typical Applications: Machine tools or outdoor installations where low or high temperature rating is required. ie. food processing

Special Characteristics: Wide temperature range performance. Good flexibility at low and high temperatures.

LTPUL

Construction: Galvanised steel, helically wound, flexible steel conduit including copper bonding strip (up to 40mm) with smooth pvc cover. Colour black.

Typical Applications: As for LTP but where UL listing or CSA approval is required.

Special Characteristics: UL listed and CSA approved.

LTPLFH

Construction: Galvanised steel, helically wound, flexible conduit with smooth oil resistant Low Fire Hazard (LFH) cover. Colour black.

Typical Applications: Rail applications.

Special Characteristics: As per LTP but where Extra Low Fire Hazard performance is required.

C

external thread nickel plated brass

Multipart compression fitting including elastomeric seal. Can be used for knockout or threaded entries as fitting rotates until tightened.

IP66 IP67 IP68 IP69



nominal size (mm)	US trade size (")	outside dia (mm)	inside dia (mm)	LTP part number	reel length (m)	min inside bend radius (mm)	LTPAS part number	reel length (m)	min inside bend radius (mm)	LTPHC part number	reel length (m)	min inside bend radius (mm)	LTPUL part number	reel length (m)	min inside bend radius (mm)	LTPLFH part number	reel length (m)	min inside bend radius (mm)	metric thread part number	for PG thread size	for NPT thread size
10	3/8	11.8	7.0	LTP10B+	50	35													LTP10-M12-C	PG7	
12										LTPHC12B+	25	40							LTP10-M16-C		
16	5/8	14.2	10.0	LTP12B	25, 50	40				LTPHC16B	25	45	LTPUL16B	25	50	LTPLFH16B	25	60	LTP12-M16-C	PG9	
16	3/4	17.8	12.6	LTP16B	10, 25, 50	45	LTPAS16B*	25	45										LTP16-M16-C	PG11	
20	1/2	21.1	16.0	LTP20B	10, 25, 50	65	LTPAS20B*	25	65	LTPHC20B	25	65	LTPUL20B	25	90	LTPLFH20B	10, 25	100	LTP16-M20-C	PG13	050 (1/2")
25	3/4	26.4	21.0	LTP25B	10, 25, 50	100	LTPAS25B*	25	100	LTPHC25B	25	100	LTPUL25B	25	110	LTPLFH25B	10, 25	130	LTP20-M20-C	PG16	050 (1/2")
32	1	33.1	26.5	LTP32B	10, 25, 50	135	LTPAS32B*	25	135	LTPHC32B	25	135	LTPUL32B	10, 25	140	LTPLFH32B	10	180	LTP25-M25-C	PG21	075 (3/4")
40	1 1/4	41.8	35.4	LTP40B	10, 25	175	LTPAS40B*	10	175	LTPHC40B	10	175	LTPUL40B	15	180				LTP32-M32-C	PG29	100 (1")
50	1 1/2	47.9	40.4	LTP50B+	10, 25	230	LTPAS50B**+10	230	230	LTPHC50B+	10	230	LTPUL50B+	15	230				LTP40-M40-C	PG36	125 (1 1/4")
63	2	59.7	51.6	LTP63B+	10, 25	280	LTPAS63B**+10	280	280	LTPHC63B**+10	280	280	LTPUL63B+	15	280				LTP50-M50-C	PG42	150 (1 1/2")
																			LTP63-M63-C	PG48	200 (2")

Ordering Notes

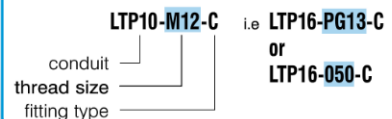
- Add reel length eg: LTP20B-25M for a 25m reel
- For LTP specify colour (B = Black, G = Grey)
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- + Double interlock section

- Available on request:
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - C-S with PG threads
 - other colours
 - internal thread fittings

Note: Stainless steel fittings also available see page 67

When ordering PG or NPT please see below.

Note: For PG or NPT thread types please insert thread size listed to obtain part number



properties

- High mechanical strength
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69
- Smooth, wipe clean outer cover
- Cover does not wrinkle when bent
- Temperature range
 - 20°C to +105°C (LTP & LTPAS)
 - 60°C to +150°C (LTPHC)
 - 15°C to +75°C (LTPUL)
 - 25°C to +90°C (LTPLFH)
- Good flexibility
- UV resistant (black) and suitable for external use
- LTPAS has Anti-Static performance coating to EN60079-0
- LTP has Lloyd's Register Type Approval
- LTPUL conduits are UL listed and CSA approved
- Resistant to oils and greases
- EXTRA Low Fire Hazard UL94 V0 for LFH see page 102
- Compliant to LUL Std 1-085 (LTPLFH) Cert No. 2020
- Nickel plated brass or stainless steel fittings available see page 67
- Vibration and shock tested to EN61373 Cat 2
- LTP UV resistant (black & grey) tested to UL (Report No. 13CA50836)



C-S	C90	C45	coupler	RSW <small>NEW</small>	E	FCC	
swivel external thread nickel plated brass Compression fitting for knockout or threaded entries. Multipart compression fitting including elastomeric seal. The external thread swivels about the main body even after tightening.	external thread nickel plated brass 90° multipart compression fitting including elastomeric seal. Can be used for knockout.	external thread nickel plated brass 45° multipart compression fitting including elastomeric seal. Can be used for knockout.	nickel plated brass Multi part compression coupler including elastomeric seals to join 2 conduits.	Polyester Elastomer, Retained face sealing washers Retained sealing washer to maintain IP rating of fitting to adjacent equipment.	insert nickel plated brass Single part, machined insert to cap end of conduit.	plated steel P clip with pvc liner stainless steel P clips P clip to support conduit. Also available in SS see page 87.	
IP66 IP67 IP68 IP69	IP66 IP67 IP68 IP69	IP66 IP67 IP68 IP69	IP66 IP67 IP68 IP69				
metric thread part number	metric thread part number	metric thread part number	part number	metric thread part number	part number	plated steel part number	nominal size (mm)
LTP12-M16-S	LTP12-M16-C90				LTP10-E	FCC10	10
LTP16-M16-S	LTP16-M16-C90				LTP10-E	FCC10	10
LTP16-M20-S	LTP16-M20-C90	LTP16-M20-C45	LTP16-LTP16	RSW16	LTP12-E	FCC12	12
LTP20-M20-S	LTP20-M20-C90	LTP20-M20-C45	LTP20-LTP20	RSW20	LTP16-E	FCC16	16
LTP25-M25-S	LTP25-M25-C90	LTP25-M25-C45	LTP25-LTP25	RSW25	LTP16-E	FCC16	16
LTP32-M32-S	LTP32-M32-C90	LTP32-M32-C45	LTP32-LTP32	RSW32	LTP20-E	FCC20	20
LTP40-M40-S	LTP40-M40-C90	LTP40-M40-C45		RSW40	LTP25-E	FCC25	25
LTP50-M50-S	LTP50-M50-C90	LTP50-M50-C45		RSW50	LTP32-E	FCC32	32
	LTP63-M63-C90	LTP63-M63-C45		RSW63*	LTP40-E	FCC40	40
					LTP50-E	FCC50	50
					LTP63-E	FCC63	63

Standards



Note: refer to conduit properties for applicable standards

Technical Drawing

