

Liquid Tight Conduits range

Metallic Conduits

LTP	LTPAS	LTPHC	LTPLFH
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: High mechanical strength combined with extremely high IP rating (IP68 and IP69) suitable for external applications where fire performance is not a consideration such as external car park barriers and systems. Special Characteristics: Oil resistant and self extinguishing. • High mechanical strength • IP rating: IP66 + IP67 + IP68 (5 bar 1hr) + IP69 • Smooth, wipe clean outer cover • Cover does not wrinkle when bent • Temperature range -20°C to +105°C • Good flexibility • Lloyd's Register Type Approval • Resistant to oils and greases • Vibration and shock tested to EN61373 Cat 2 • Black, Grey and Orange are UV resistant and suitable for external use • Also available as a Hygienic version with a coating manufactured from FDA approved ingredients - see page 108	Construction: Galvanised steel, helically wound, flexible conduit with smooth oil resistant and high temperature PVC cover. Colour: Black. Grey on request Typical Applications: High mechanical strength combined with extremely high IP rating (IP68 and IP69) suitable for external applications where fire performance is not a consideration. Special Characteristics: Oil resistant and self extinguishing. LTPAS As per LTP but with an anti-static performance coating. • High mechanical strength • IP rating: IP66 + IP67 + IP68 (5 bar 1hr) + IP69 • Smooth, wipe clean outer cover • Cover does not wrinkle when bent • Temperature range -20°C to +105°C • Good flexibility • UV resistant (black) and suitable for external use • Anti-Static performance coating to EN60079-0 • Resistant to oils and greases • Vibration and shock tested to EN61373 Cat 2	Construction: Galvanised steel, helically wound, flexible conduit with smooth thermoplastic elastomer (TPE) cover. Colour: Black Typical Applications: High mechanical strength combined with high and low temperature performance, combined with extremely high IP rating (IP68 and IP69) suitable for external applications where fire performance is not a consideration. Special Characteristics: Wide temperature range performance. Good flexibility at low and high temperatures. • High mechanical strength • IP rating: IP66 + IP67 + IP68 (5 bar 1hr) + IP69 • Temperature range -60°C to +150°C • Good flexibility • UV resistant (black) and suitable for external use • Resistant to oils and greases • Vibration and shock tested to EN61373 Cat 2	Construction: Galvanised steel, helically wound, flexible conduit with smooth oil resistant Low Fire Hazard (LFH) cover. Colour: Black Typical Applications: High mechanical strength combined with extremely high IP rating (IP68 and IP69) suitable for internal and external applications where fire performance is a requirement. APR 2020. Special Characteristics: As per LTP but where Extra Low Fire Hazard performance is required. • High mechanical strength • IP rating: IP66 + IP67 + IP68 (5 bar 1hr) + IP69 • Smooth, wipe clean outer cover • Cover does not wrinkle when bent • Temperature range -25°C to +90°C (LTPLFH) • Good flexibility • UV resistant (black) and suitable for external use • Resistant to oils and greases • Compliant to LUL Std S1085 (LTPLFH) Cert No. 2020 • EN 45545 to HL3 • Vibration and shock tested to EN61373 Cat 2

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)	LTPLFH	part number	reel length (m)	min inside bend radius (mm)
10	¼	11.8	7.0	LTP10B*	50	35													
10																			
12	⅜	14.2	10.0	LTP12B	25, 50	40						LTPHC12B*	25	40					
16	½	17.8	12.6	LTP16B	10, 25, 50	45		LTPAS16B*	25	45		LTPHC16B	25	45		LTPLFH16B	25	60	
16																			
20	⅝	21.1	16.0	LTP20B	10, 25, 50	65		LTPAS20B*	25	65		LTPHC20B	25	65		LTPLFH20B	25	100	
25	¾	26.4	21.0	LTP25B	10, 25, 50	100		LTPAS25B*	25	100		LTPHC25B	25	100		LTPLFH25B	25	130	
32	1	33.1	26.5	LTP32B	10, 25, 50	135		LTPAS32B*	25	135		LTPHC32B	25	135		LTPLFH32B	10	180	
40	1¼	41.8	35.4	LTP40B	10, 25	175		LTPAS40B*	10	175		LTPHC40B	10	175					
50	1½	47.9	40.4	LTP50B*	10, 25	230		LTPAS50B**	10	230		LTPHC50B*	10	230					
63	2	59.7	51.6	LTP63B*	10, 25	280		LTPAS63B**	10	280		LTPHC63B**	10	280					

Ordering Notes

- Add reel length eg: LTP20B-25M for a 25m reel
- For LTP specify colour (B = Black, G = Grey) Black and Grey. Orange available on request

* Indicates parts made to order on request and may be subject to MOQ and lead time

+ Double interlock section

PG & NPT threads not supplied with insulated throats

- **Available on request:**
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - other colours