

Liquid Tight Conduits range

Metallic Conduits

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EN 45545-2

NFPA 130

LTP	LTPAS	LTPHC	LTPLFH
<p>Construction: Galvanised steel, helically wound, flexible conduit with smooth oil resistant and high temperature PVC cover.</p> <p>Colour: Black. Grey or Orange on request</p> <p>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.</p> <p>Special Characteristics: Oil resistant and self extinguishing.</p> <ul style="list-style-type: none"> • 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 • 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 112 	<p>Construction: Galvanised steel, helically wound, flexible conduit with smooth oil resistant and high temperature PVC cover.</p> <p>Colour: Black. Grey on request</p> <p>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.</p> <p>Special Characteristics: Oil resistant and self extinguishing.</p> <p>LTPAS As per LTP but with an anti-static performance coating.</p> <ul style="list-style-type: none"> • 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 • 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 	<p>Construction: Galvanised steel, helically wound, flexible conduit with smooth thermoplastic elastomer (TPE) cover.</p> <p>Colour: Black</p> <p>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.</p> <p>Special Characteristics: Wide temperature range performance. Good flexibility at low and high temperatures.</p> <ul style="list-style-type: none"> • High mechanical strength • IP rating: IP66 + IP67 + IP68 (5 bar) + IP69 • Smooth, wipe clean outer cover • Cover does not wrinkle when bent • 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 	<p>Construction: Galvanised steel, helically wound, flexible conduit with smooth oil resistant Low Fire Hazard (LFH) cover.</p> <p>Colour: Black</p> <p>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.</p> <p>Special Characteristics: As per LTP but where Extra Low Fire Hazard performance is required.</p> <ul style="list-style-type: none"> • High mechanical strength • IP rating: IP66 + IP67 + IP68 (5 bar) + 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 • EXTRA Low Fire Hazard UL94 V0 (for LFH see page 148) • Compliant to LUL Std S1085 (LTPLFH) Cert No. 2020 • EN 45545 to HL3 and NFPA130 compliant • Vibration and shock tested to EN61373 Cat 2

nominal size (mm)	US trade size (")	outside dia (mm)	inside dia (mm)	LTP			LTPAS			LTPHC			LTPLFH			
				part number	reel length (m)	min inside bend radius (mm)	part number	reel length (m)	min inside bend radius (mm)	part number	reel length (m)	min inside bend radius (mm)	part number	reel length (m)	min inside bend radius (mm)	
10	¼	11.8	7.0	LTP10B*	50	35										
10																
12	⅝	14.2	10.0	LTP12B	25, 50	40			LTPHC12B*	25	40					
16	⅝	17.8	12.6	LTP16B	10, 25, 50	45		LTPAS16B*	25	45	LTPHC16B	25	45	LTPLFH16B	25	60
16																
20	½	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)
- * 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
 - C-S with PG threads
 - other colours
 - internal thread fittings