

Liquid Tight Conduits continued

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Multiflex Consulting Aps

tlf.: 5332 7083

EN 45545-2 NFPA 130



LTBRDP

Construction: Galvanised steel, helically wound, flexible conduit with galvanised steel braid and oil resistant and high temperature pvc smooth cover.

Colour: Black

Typical Applications: Machinery or outdoor applications where high corrosion resistance and liquid tight are a requirement combined with EMC screening

Special Characteristics: Good flexibility and EMC screening.

- High mechanical strength
- Good flexibility
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69
- Smooth, wipe clean outer cover
- Cover does not wrinkle when bent
- Resistant to oils & greases
- Temperature range: -20°C to +105°C
- UV resistant and suitable for external use
- Vibration and shock tested to EN61373 Cat 2
- Provides EMC screening
- Also available as a Hygienic version with a coating manufactured from FDA approved ingredients - see page 112



LTBRDLFH

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

Colour: Black

Typical Applications: Installations where liquid tight is a requirement and where low fire hazard properties and EMC screening are required.

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

- High mechanical strength
- Good flexibility
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69
- Smooth, wipe clean outer cover
- Cover does not wrinkle when bent
- Resistant to oils & greases
- Temperature range: -20°C to +90°C
- UV resistant and suitable for external use
- Vibration and shock tested to EN61373 Cat 2
- Provides EMC screening
- Extra Low Fire Hazard UL94 V0 (for LFH see page 148)
- Compliant to LUL Std S1085 (Cert No. 658)
- EN 45545 to HL3 and NFPA 130 compliant

FCC

plated steel P clip with PVC liner

P clip to support and secure conduit.

FCC-SS

stainless steel (316L) P clips

P clip to support conduit.

E

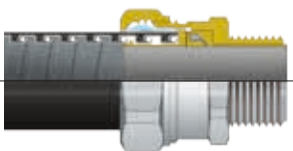
insert nickel plated brass

Single part, machined insert to cap end of conduit.

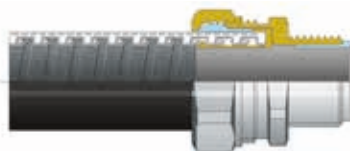


LTBRDP			LTBRDLFH			plated steel part number		part number		inside dia (mm)		outside dia (mm)		US trade size (")		nominal size (mm)	
part number	inside dia (mm)	min inside bend radius (mm)	part number	reel length (m)	min inside bend radius (mm)	part number	part number	part number	inside dia (mm)	outside dia (mm)	US trade size (")	nominal size (mm)	inside dia (mm)	outside dia (mm)	US trade size (")	nominal size (mm)	
						FCC10	FCC10-SS*	LTP10-E	7.0	11.8	¼	10					
						FCC12	FCC12-SS	LTP10-E				10					
						FCC16	FCC16-SS	LTP12-E	10.0	14.2	⅜	12					
						FCC16	FCC16-SS	LTP16-E	12.6	17.8	⅝	16					
							FCC16-SS	LTP16-E				16					
LTBRDP20B	25	65	LTBRDLFH20B	25	130	FCC20	FCC20-SS	LTP20-E	16.0	21.1	½	20					
LTBRDP25B	25	100	LTBRDLFH25B	25	200	FCC25	FCC25-SS	LTP25-E	21.0	26.4	¾	25					
LTBRDP32B	25	120	LTBRDLFH32B*	25	270	FCC32	FCC32-SS	LTP32-E	26.5	33.1	1	32					
LTBRDP40B	10	140				FCC40	FCC40-SS	LTP40-E	35.4	41.8	1¼	40					
LTBRDP50B+	10	180				FCC50	FCC50-SS	LTP50-E	40.4	47.9	1½	50					
LTBRDP63B+	10	270				FCC63	FCC63-SS*	LTP63-E	51.6	59.7	2	63					

Technical Drawing



LTPPU, LTPPUAS



LTBRDP & LTBRDLFH