



UNITEDPOWER
STORY IN ENGINEERING EXCELLENCE

LIQUID TIGHT PVC COATED

STEEL FLEXIBLE CONDUIT

SPECIFICATION :

- ✓ HIGH MECHANICAL STRENGTH INSTALLATIONS
- ✓ LOW SMOKE DENSITY
- ✓ TEMPERATURE RANGE : -15 DEGREE C TO +90 DEGREE C
- ✓ IP RATING : IP54 & IP65
- ✓ INHERENT LOW FIRE HAZARD PRODUCT

Note : "Double Interlock are available in all the standard"

APPLICATION :

- ✓ MACHINE TOOLS.HIGH MECHANICAL STRENGTH.
- ✓ OUTDOOR INSTALLATIONS.
- ✓ USED AS MECHANICAL PROTECTION FOR INSULATED ELECTRICAL CABLE & WIRES THAT ARE FUNCTIONAL IN NORMAL ATMOSPHERIC TEMPERATURE.
- ✓ UNDER FLOOR APPLICATION FOR COMPUTER / FLOOR BOXES.
- ✓ ELEVATORS. METRO STATIONS. CCTV CAMERA ETC.

❖ **Raw Material :** Pre-Galvanised Steel Sheet z80-120Gsm weight of surface area as basic core material.

❖ **Marking & Packing :** Flexible Conduit & Adaptors are Packed with our logo also As per customer request. Strong HDPE bags/box.

❖ **Cutting :** We recommend use of fine tooth 32tpi. Hacksaw, short conduit length can be readily contractor packed.



BRITISH STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
LTFMC-BS-10	10mm'	7	11.8	45	50
LTFMC-BS-12	12mm	10	14.2	45	50
LTFMC-BS-16	16mm	12.6	17.8	45	50
LTFMC-BS-20	20mm	16	21.1	65	30-50
LTFMC-BS-25	25mm	21	26.4	100	30-50
LTFMC-BS-32	32mm	26.5	33.1	135	30-50
LTFMC-BS-40	40mm	35.4	41.8	175	15-20
LTFMC-BS-50	50mm	40.4	47.9	230	15-20
LTFMC-BS-63	63mm	51.6	59.7	240	10-15

AMERICAN STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
LTFMC-US-3/8	3-8"	12.5	18	60	50
LTFMC-US-1/2	1/2"	16	21	75	30
LTFMC-US-3/4	3/4"	20.4	26	85	30
LTFMC-US-1	1	26.6	33	110	30
LTFMC-US-1-1/4	1¼"	35	42	130	15
LTFMC-US-1-1/2	1½"	40.3	48	150	15
LTFMC-US-2	2"	51.5	60	190	15
LTFMC-US-2-1/2	2½"	63.3	73	250	7.5
LTFMC-US-3	3"	78.4	88.5	310	7.5
LTFMC-US-4	4"	102	114	360	7.5

