



STEEL FLEXIBLE CONDUIT

SPECIFICATION :

- ✓ HIGH MECHANICAL STRENGTH.
- ✓ FLEXIBLE
- ✓ TEMPERATURE RANGE : - 100 DEGREE C TO +300 ETC.) DEGREE C
- ✓ IP RATING : IP40 WITH STANDARD FITTINGS

APPLICATION :

- ✓ MACHINE TOOLS.HIGH MECHANICAL STRENGTH.
- ✓ OUTDOOR INSTRALLATIONS.
- ✓ USED AS MECHANICL PROTECTION FOR INSULATED
- ✓ ELECTRICAL CABLE & WIRES THAT ARE FINCTIONAL 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)
FMC-BS-16	16mm	13	16	30	15-20-25-30
FMC-BS-20	20mm	16.9	20.5	30	15-20-25-30
FMC-BS-25	25mm	21.1	25	43	15-20-25-30
FMC-BS-30	30mm	28.1	32	50	15-20
FMC-BS-40	40mm	37.6	42.5	57	10-15
FMC-BS-50	50mm	48.4	53	70	10-15
FMC-BS-63	63mm	57.5	62.5	115	7.5-10
FMC-BS-75	75mm	70	77	150	7.5-10

INDIAN STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
FMC-IS-3/8	3-8"	10	13	30	15-25-30
FMC-IS-1/2	1/2"	13	17	43	15-25-30
FMC-IS-5/8	5-8"	16	19	30	15-25-30
FMC-IS-3/4	3/4"	19	23	50	15-25-30
FMC-IS-1	1	25	29	57	15-25-30
FMC-IS-1-1/4	1¼"	32	36	70	15-25-30
FMC-IS-1-1/2	1½"	38	43	80	15-25-30
FMC-IS-2	2"	50	55	95	15-25-30
FMC-IS-2-1/2	2½"	63	70	140	7.5-15
FMC-IS-3	3"	78	85	150	7.5-15
FMC-IS-4	4"	101	109	190	7.5-15

AMERICAN STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
FMC-US-3/8	3/8"	12.5	16	30	50
FMC-US-1/2	1/2"	16	19.2	43	30
FMC-US-3/4	3/4"	20.4	24.8	50	30
FMC-US-1	1	26.6	30.8	57	30
FMC-US-1-1/4	1¼"	35	40	70	15
FMC-US-1-1/2	1½"	40.3	45.4	80	15
FMC-US-2	2"	51.5	56.8	95	15
FMC-US-2-1/2	2½"	63.3	70.6	140	7.5
FMC-US-3	3"	78.4	85.5	150	7.5
FMC-US-4	4"	102	112	190	7.5

GERMANY STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
FMC-PG-7	PG7	9.4	12.7	30	50
FMC-PG-9	PG9	10.7	14.1	35	30
FMC-PG-11	PG11	13.8	17	38	30
FMC-PG-13	PG13	15.7	19.7	40	30
FMC-PG-16	PG16	17.4	21.5	45	15
FMC-PG-21	PG21	22.7	27.4	50	15
FMC-PG-29	PG29	31	36	58	15
FMC-PG-36	PG36	39.7	46	90	7.5
FMC-PG-48	PG48	51.2	57.5	100	7.5