



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.



INDIAN STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
PFMC-IS-3/8	3-8"	10	14	30	15-25-30
PFMC-IS-1/2	1/2"	13	18	43	15-25-30
PFMC-IS-5/8	5-8"	16	20	30	15-25-30
PFMC-IS-3/4	3/4"	19	24	50	15-25-30
PFMC-IS-1	1	25	30	57	15-25-30
PFMC-IS-1-1/4	1¼"	32	37	70	15-25-30
PFMC-IS-1-1/2	1½"	38	44	80	15-25-30
PFMC-IS-2	2"	50	56	95	15-25-30
PFMC-IS-2-1/2	2½"	63	71	140	7.5-15
PFMC-IS-3	3"	78	86	150	7.5-15
PFMC-IS-4	4"	101	110	190	7.5-15

BRITISH STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
PFMC-BS-16	16mm	13	17	30	15-20-25-30
PFMC-BS-20	20mm	16.9	21.5	30	15-20-25-30
PFMC-BS-25	25mm	21.1	26	43	15-20-25-30
PFMC-BS-30	30mm	28.1	34	50	15-20
PFMC-BS-40	40mm	37.6	44.5	57	10-15
PFMC-BS-50	50mm	48.4	55	70	10-15
PFMC-BS-63	63mm	57.5	64.5	115	7.5-10
PFMC-BS-75	75mm	70	79	150	7.5-10

AMERICAN STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
PFMC-US-3/8	3-8"	12.5	17	30	50
PFMC-US-1/2	1/2"	16	20.2	43	30
PFMC-US-3/4	3/4"	20.4	25.8	50	30
PFMC-US-1	1	26.6	31.8	57	30
PFMC-US-1-1/4	1¼"	35	41	70	15
PFMC-US-1-1/2	1½"	40.3	46.4	80	15
PFMC-US-2	2"	51.5	57.8	95	15
PFMC-US-2-1/2	2½"	63.3	71.6	140	7.5
PFMC-US-3	3"	78.4	86.5	150	7.5
PFMC-US-4	4"	102	113	190	7.5

GERMANY STANDARD

Cat.#	Size	Internal Diameter (mm)	External Diameter (mm)	Min. Bend Radiuce (mm)	Coil Packing (m)
PFMC-PG-7	PG7	9.4	13.7	30	50
PFMC-PG-9	PG9	10.7	15.1	35	30
PFMC-PG-11	PG11	13.8	18	38	30
PFMC-PG-13	PG13	15.7	20.7	40	30
PFMC-PG-16	PG16	17.4	22.5	45	15
PFMC-PG-21	PG21	22.7	28.4	50	15
PFMC-PG-29	PG29	31	37	58	15
PFMC-PG-36	PG36	39.7	47	90	7.5
PFMC-PG-48	PG48	51.2	58.5	100	7.5

