

Dimensions As Per IS 9537/ 1981 Part I & II

Nominal size of Conduits	Outside Diameter	Tolerance on Diameter	Wall Thickness
(mm)	(mm)	(mm)	(mm)
16	16	+0,-0.3	1.4-1.8
20	20	+0,-0.3	1.4-1.8
25	25	+0,-0.4	1.4-1.8
32	32	+0,-0.4	1.4-1.8
40	40	+0,-0.4	1.6-2.2
50	50	+0,-0.5	1.6-2.2
63	63	+0,-0.6	1.6-2.2

BRITISH STANDARDS - BS-4598

Size (mm)	Outside Diameter		Wall Thickness and + or -	Weight with coupler
	Minimum	Maximum	mm	kg/mtr
20	19.7	20	1.6±0.15	0.744
25	24.6	25	1.6±0.15	0.95
32	31.6	32	1.6±0.15	1.24

American National Standard Institute

EMT (Electrical Metallic Tubing) ANSI - C80.3

Trade Size	Outside Diameter	Approx. Inside Diameter	Min. Wall Thickness	Standard Weight	Length
inch	mm	mm	mm	mm	mm
½	17.93	15.8	1.07	0.424	3048
¾	23.42	20.93	1.25	0.647	3048
1	29.54	26.64	1.45	0.952	3048
1-¼	38.35	35.05	1.65	1.414	3048
1-½	44.2	48.89	1.65	1.637	3048
2	55.8	52.5	1.65	2.083	3048

IMC (INTERMEDIATE METAL CONDUIT) ANSI - C80.6

Trade Size	Outside Diameter			Length w/o	Min. Val	Nominal wt.per 100ft(30.79mtrs)
	Nominal	Minimum	Maximum			
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
½	20.70	20.60	20.80	3029.0	1.78	28.10
¾	26.10	26.00	26.30	3029.0	1.91	38.70
1	32.80	32.60	32.90	3022.6	2.16	56.90
1-¼	41.60	41.40	41.80	3022.6	2.16	73.50
1-½	47.80	47.60	48.00	3022.6	2.29	85.20
2	59.90	59.70	60.10	3022.6	2.41	114.10

RMC (RIGID METAL CONDUITS) ANSI - C80.1

Trade Size	Metric Designator	Threads per inch	Finished Conduits	Nominal wt. per 100ft.(30.79mtrs)	Nominal Outside Diameter	Nominal Inside Diameter	Nominal wall diameter
					mm	mm	mm
½	16	14	3030.0	37.20	21.34	16.05	2.64
¾	21	14	3030.0	49.44	26.67	21.33	2.72
1	27	11½	3025.0	37.03	33.40	27.00	3.20
1-¼	35	11½	3025.0	98.88	42.16	35.41	3.38
1-½	41	11½	3025.0	119.30	48.26	41.25	3.51
2	53	11½	3025.0	158.76	60.33	52.91	3.71