



SHREE MARUTI NANDAN TUBES PVT. LTD.

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I.S.-1239 [PART-1]-1990

DIMENSION & NOMINAL WEIGHT OF BLACK & G.I. STEEL TUBES

N.B. and Series	Mean Outside Diameter	Wall Thickness			Nominal Weight Black Tubes				Calculated Nominal Weight GI				Pcs (6.1m) Per ton of GI	Sockets		Width of the Strips in MM
					Plain End		Screwed & Sockets		Plain End		Screwed & Sockets			OD in MM	Length MM	
M.M.	M.M.	M.M.	Swg	Kg/m	Mtrs /Tone	Kg/m	Mtrs /Tone	Kg/m	Mtrs /Tone	Kg/m	Mtrs /Tone	Screwed &				
15	LIGHT	21.20	2.00	14	0.947	1056	0.956	1046	0.994	1006	1.004	996	163	27.00	37.00	64
	MEDIUM	21.40	2.60	12	1.21	826	1.22	820	1.26	794	1.27	787	129			63
	HEAVY	21.40	3.20	10	1.44	694	1.45	690	1.50	667	1.51	662	109			61
20	LIGHT	26.65	2.30	13	1.38	725	1.39	719	1.45	690	1.46	685	112	32.50	39.00	82
	MEDIUM	26.90	2.60	12	1.56	641	1.57	637	1.63	613	1.64	610	100			81
	HEAVY	26.90	3.20	10	1.87	535	1.88	532	1.94	515	1.95	513	84			80
25	LIGHT	33.50	2.60	12	1.98	505	2.00	500	2.08	481	2.10	476	78	39.50	46.00	102
	MEDIUM	33.75	3.20	10	2.41	415	2.43	412	2.52	397	2.54	394	65			101
	HEAVY	33.75	4.00	8	2.93	341	2.95	339	3.05	328	3.07	326	53			99
32	LIGHT	42.20	2.60	12	2.54	394	2.57	389	2.67	375	2.70	370	61	49.00	51.00	128
	MEDIUM	42.45	3.20	10	3.10	323	3.13	319	3.24	309	3.27	306	50			127
	HEAVY	42.45	4.00	8	3.79	264	3.82	262	3.94	254	3.97	252	41			125
40	LIGHT	48.10	2.90	11	3.23	310	3.27	306	3.39	295	3.43	291	48	56.00	51.00	147
	MEDIUM	48.35	3.20	10	3.56	281	3.60	278	3.72	269	3.76	266	44			146
	HEAVY	48.35	4.00	8	4.37	229	4.41	227	4.54	220	4.59	218	36			145
50	LIGHT	59.90	2.90	11	4.08	245	4.15	241	4.28	234	4.36	229	38	68.00	60.00	184
	MEDIUM	60.25	3.60	9	5.03	199	5.10	196	5.26	190	5.33	188	31			182
	HEAVY	60.25	4.50	7	6.19	162	6.26	160	6.44	155	6.51	154	25			180
65	LIGHT	75.60	3.20	10	5.71	175	5.83	172	6.00	167	6.12	163	27	84.00	69.00	234
	MEDIUM	75.95	3.60	9	6.42	156	6.54	153	6.71	149	6.83	146	24			232
	HEAVY	75.95	4.50	7	7.93	126	8.05	124	8.29	121	8.37	119	20			230
80	LIGHT	88.30	3.20	10	6.72	149	6.89	145	7.06	142	7.23	138	23	98.00	75.00	274
	MEDIUM	88.75	4.00	8	8.36	120	8.53	117	8.74	114	8.91	112	18			272
	HEAVY	88.75	4.80	6	9.90	101	10.40	96	10.30	97	10.82	92	15			270
100	LIGHT	113.45	3.60	9	9.75	103	10.00	100	10.24	98	10.50	95	16	124.00	87.00	355
	MEDIUM	114.05	4.50	7	12.20	82	12.50	80	12.75	78	13.07	76	13			352
	HEAVY	114.05	5.40	5	14.50	69	14.80	68	15.08	66	15.39	65	11			350
125	MEDIUM	139.65	4.80	6	15.90	63	16.40	61	16.62	60	17.14	58	10	151.00	96.00	434
	HEAVY	139.65	5.40	5	17.90	56	18.40	54	18.62	54	19.14	52	9			432
150	MEDIUM	165.20	4.80	6	18.90	53	19.50	51	19.75	51	20.38	49	8	178.00	96.00	515
	HEAVY	165.20	5.40	5	21.30	47	21.90	46	22.15	45	22.78	44	7			513

STANDARD TOLERANCE

A) THICKNESS :

- 1 Light Tubes
+ Not Limited
- 8 Percent
- 2 Medium & Heavy Tubes
+ Not Limited
- 10 Percent

B) WEIGHT :

- 1 Single Tube (Light Series)
+ 10 Percent
- 8 Percent
- 2 Single Tube (Medium & Heavy Tube)
± 10 Percent
- 3 For Quantities per Load of 10 Tonnes
Minimum (Light Series)
± 5 Percent
- 4 For Quantities per Load of 10 Tonnes
minimum (Medium & Heavy)
+ 7.5 Percent

C) LENGTH :

- 1 Unless otherwise
Specified 4 To 7 Meter

