MS Square Pipe As Per 4923-1997

Size mm	Thickness mm	Unit Wt kg/rm
25 x 25	1.6	1.12
	2.0	1.36
	2.6	1.69
	3.2	1.98
32x32	2.0	1.80
	2.6	2.26
	3.2	2.69
38 x 38	2.0	2.18
	2.6	2.75
	3.2	3.29
	4.0	3.95
40x40	2.6	2.92
	2.9	3.21
	3.2	3.49
	4.0	4.20
49.5 x 49.5	2.6	3.69
	2.9	4.07
	3.6	4.93
	4.5	5.95
60x60	2.6	4.55
	2.9	5.03
	3.2	5.50
	4.0	6.71
	4.8	7.85
72x72	3.2	6.71
	4.0	8.22
	4.8	9.66
80 x 80	3.2	7.51
	4.0	9.22
	4.8	10.87

Size mm	Thickness mm	Unit Wt kg/rm
91.5x91.5	3.6	9.67
	4.5	11.88
	5.4	14.01
100X100	4.0	11.73
	5.0	14.41
	6.0	16.98
113 x 113.5	4.8	15.92
	5.4	17.74
132 x 132	4.8	16.71
	5.4	20.88
150x150	4.0	18.01
	5.0	22.26
	6.0	26.40
	7.0	30.44
	8.0	44.38
180x180	4.0	21.78
	5.0	26.97
	6.0	32.05
	7.0	33.03
	8.0	41.91
220 x 220	4.0	26.61
	5.0	33.25
	6.0	39.59
	7.0	45.83
	8.0	51.96
250 x 250	4.0	30.57
	5.0	37.96
	6.0	45.24
	7.0	52.42
	8.0	59.50

Tolerances :

A) Thickness for all sizes	a) Welded tubes	± 10%
B) Outside Dimensions of Sides		± 1% of the side to be measured with a minimum of +/-0.5mm
C) Wight	a) On Individual Length b) On Lots of 10 Tonnes	± 10% - 8% 0
D) Squareness of Corner		$90^0 \pm 2^0$
E) Radius of Corners		3T, max where T is the thickness of section
F) Length	a) Exact Length	± 6mm This may be obtained by arrangements between the purchaser and manufacturer
G) Straightness		Minimum 1:200th of any length measured along the center line (mill straightened condition) unless otherwise specifically arranged
H) Twist Tolerance		Maximum 2mm: 1:0.5mm, 1mm length, the measured relative vertical shift of any adjacent corner of the section, measured by keeping one side on flat surface