

SHRI LAKSHMI STEEL SUPPLIERS

Properties of RHS AS PER IS : 4923

RHS DXB	Thickness	Sec Area	Unit Wt	Outer Surface
mm	t	A	W	Area per m
	mm	cm2	kg/m	m2
50 x 25	2.0	2.74	2.15	0.142
	2.6	3.46	2.71	0.137
	3.2	4.13	3.24	0.134
	4.0	4.95	3.88	0.129
60 x 40	2.6	4.76	3.73	0.187
	2.9	5.25	4.12	0.185
	3.6	6.35	4.98	0.181
	4.5	7.67	6.02	0.177
66x 33	2.6	4.70	3.69	0.185
	2.9	5.19	4.07	0.183
	3.6	6.28	4.93	0.179
	4.5	7.58	5.95	0.175
80 x 40	2.6	5.80	4.55	0.227
	2.9	6.41	5.03	0.225
	3.2	7.01	5.5	0.224
	4.0	8.55	6.71	0.219
	4.8	10.01	7.85	0.215
96 x 48	3.2	8.54	6.71	0.272
	4.0	10.47	8.22	0.267
	4.8	12.31	9.66	0.263
122 x 61	3.6	12.32	9.67	0.347
	4.5	15.14	11.88	0.343
	5.4	17.85	14.01	0.338
120 x 60	3.2	10.85	8.51	0.344
	3.6	12.11	9.5	0.341
	4.5	14.87	11.67	0.337
145 x 82	4.8	20.28	15.92	0.429
	5.4	22.60	17.74	0.426
172 x 92	4.8	23.83	18.71	0.503
	5.4	26.59	20.88	0.5
200 x 100	4.0	22.95	18.01	0.579
	5.0	28.36	22.26	0.574
	6.0	33.63	26.4	0.569
	7.0	38.78	30.44	0.564
	8.0	43.79	34.38	0.559
220 x 140*	4.0	27.75	21.78	0.699
	5.0	34.36	26.97	0.694
	6.0	40.83	32.05	0.689
	7.0	47.18	37.03	0.684

240 x 120*	4.0	27.75	21.78	0.699
	5.0	34.36	26.97	0.694
	6.0	40.83	32.05	0.689
	7.0	47.18	37.03	0.684
	8.0	53.39	41.91	0.679
	9.0	59.47	46.69	0.674
	10.0	65.42	51.36	0.668
260 x 180*	4.0	34.15	26.81	0.859
	5	42.36	33.25	0.854
	6.0	50.43	39.59	0.849
	7.0	58.38	45.83	0.844
300 x 150*	4.0	34.95	27.43	0.879
	5.0	43.36	34.03	0.874
	6.0	51.63	40.53	0.869
	7.0	59.78	46.93	0.864
	8.0	67.79	53.22	0.859
	9.0	75.67	59.40	0.854
	10.0	83.42	65.49	0.848
300 x 200*	4.0	38.95	30.57	0.979
	5.0	48.36	37.96	0.974
	6.0	57.63	45.24	0.969
	7.0	66.78	52.42	0.964
	8.0	75.79	59.50	0.959
	9.0	84.67	66.47	0.954
	10.0	93.42	73.34	0.948

TOLERANCE

1) THICKNESS : + - 10%

2) Outside Dimensions of Sides: +-1 mm

3) Weight on Individual Lengths : + 10% – 8%

GRADE: YST 210, 240, 310, 350