

## Standard Formulae

Formula for (kg)	Formula	All Dimensions in mm
Weight of SS Sheet/Plate/Coil	Length (m)*Width (m)*Thk (mm)*8	----
Weight of SS Pipe (weight/ft)	(O.D.-Thk)*Thk.*0.0075	Yes
Weight of SS Rounds (weight/ft)	Diameter*Diameter*0.0019	Yes
Weight of SS Hexagonal Bars (weight/ft)	Diameter*Diameter*0.0021	Yes
Weight of SS Squares (weight/ft)	Diameter*Diameter*0.0025	Yes
Weight of SS Flats (weight/ft)	Length (m)*Width (m)*Thk (mm)*8	----
Width of SS sheet required for a SS pipe	(O.D.-Thk)*3.14	Yes

## Weight of Stainless Steel / Plates

- 1Meter = 3.2808 Feet
- 1 foot = 304.8 mm
- 1 inch = 25.4 mm

Thickness in mm	Weight in kg			
	1000x1000 (mm)	1000x2000 (mm)	1250x2500 (mm)	1500x3000 (mm)
0.10	0.80	1.60	-	-
0.20	1.60	3.20	-	-
0.30	2.40	4.80	7.50	-
0.40	3.20	6.40	10.00	14.40
0.50	4.00	8.00	12.50	18.00
0.63	5.04	10.08	15.75	22.68
0.70	5.60	11.20	17.50	25.20
0.80	6.40	12.80	20.00	28.80

1.00	8.00	16.00	25.00	36.00
1.25	10.00	20.00	31.25	45.00
1.50	12.00	24.00	37.50	54.00
1.60	12.80	25.60	40.00	57.60
2.00	16.00	32.00	50.00	72.00
2.50	20.00	40.00	62.50	90.00
3.00	24.00	48.00	75.00	108.00
4.00	32.00	64.00	100.00	144.00
5.00	40.00	80.00	125.00	180.00
6.00	48.00	96.00	150.00	216.00
7.00	56.00	112.00	175.00	252.00
8.00	64.00	128.00	200.00	288.00