

MANUEL STEEL INDUSTRIES LLP

Special Formula of Calculating Weight

1) Weight of SS Pipe:

$OD(mm) - Wall\ thickness\ (mm) \times Wall\ thick\ (mm) \times 0.0248 = Wt./mtr$

$OD(mm) - Wall\ thickness\ (mm) \times Wall\ thick\ (mm) \times 0.00756 = Wt./feet$

2) Weight of SS Round Bar:

$DIA\ (mm) \times DIA\ (mm) \times 0.00623 = Wt./mtr$

$DIA\ (mm) \times DIA\ (mm) \times 0.0019 = Wt./feet$

3) Weight of SS Square Bar:

$Sq.\ (mm) \times Sq.\ (mm) \times 0.00788 = Wt./mtr$

$Sq.\ (mm) \times Sq.\ (mm) \times 0.0024 = Wt./feet$

4) Weight of Hexagonal Bar:

$A/F\ (mm) \times A/F\ (mm) \times 0.00680 = Wt./mtr$

$A/F\ (mm) \times A/F\ (mm) \times 0.002072 = Wt./feet$

5) Weight of SS Flat Bar:

$Width\ (mm) \times Thick\ (mm) \times 0.00798 = Wt./mtr$

$Width\ (mm) \times Thick\ (mm) \times 0.00243 = Wt./feet$

6) Weight of SS Circle:

$Dia\ (mm) \times Dia\ (mm) \times Thick\ (mm) : 160 = Gms./pc$

$Dia\ (mm) \times Dia\ (mm) \times Thick\ (mm) \times 0.0000063 = Kg./pc$

7) Weight of SS Sheets & Plates:

$Length\ (mtrs.) \times Width\ (mtrs) \times Thick\ (mm) \times 8 = Kg./Sheet$

$Length\ (ft.) \times Width\ (ft.) \times Thick\ (mm) \times 3/4 = Kg./Sheet$

8) Weight of Brass Pipe Copper Pipe:

$O.D.\ (mm) - Thick\ (mm) \times Thick\ (mm) \times 0.0260 = Wt./mtr$

$O.D.\ (mm) - Thick\ (mm) \times 0.0090 = Kg./ft$

9) Weight of Lead Pipe:

$O.D.\ (mm) - Wt.(mm) \times Wt.\ (mm) \times 0.0345 = Wt./mtr$

10) Weight of Aluminium Pipe:

$O.D.\ (mm) - Thick\ (mm) \times Thick\ (mm) \times 0.0083 = Wt./mtr$

11) Weight of Aluminium Sheet:

$Length\ (mtr.) \times Width\ (mtr.) \times Thick\ (mm) \times 2.69 = Wt./pc$

12) Weight for Conversion of Mtr To Feet:

$Weight\ of\ 1\ mtr \times 3.2808 = Feet$

13) Formula for Calculating Width of Sheet for making pipe:

$Outer\ DIA - Wall\ Thickness \times 22/7\ Width\ of\ Sheet$

14) Formula for Calculating Principal Amount With Interest on Bank FDR:

$400 + Rate\ of\ Interest : 400 \times Principal\ Amount = Quarterely\ PA\ \&\ I\ (Press = 4\ times\ for\ yearly)$

15) Formula for Healthy Business:

$Honesty + Quality\ of\ Goods + Quick\ Service$