

FORMULA OF WEIGHT

- Weight of Stainless Steel Pipes & Tubes $OD(mm) \cdot W.T. (mm) \times W.T. (mm) \times 0.02466 = Kg.per Mtr.$
- Sheet Width Required for rolled and welded pipes $O.D.(mm) - THK(mm) \times 3.14 = SheetWidth$
- Weight of Stainless Steel Sheets $Length (mtr.) \times Wdth(mtr.) \times Thk(mm) \times 8 = Kg Per Sheet$
- Weight of Stainless Steel Circle & Blanks $OD(mm) \times OD>(mm) \times Thk(mm) / 160 / 1000 = Kg Per Pcs.$
- Weight of Stainless Steel Rounds $Dia.(mm) \times dia.(mm) \times 0.00623 = PerMtr.$
- Weight of Stainless Steel Hexagonal Rods $Dia.(mm) \times Dia.(mm) \times 0.00679 = PerMtr.$
- Weight of stainless Steel Square Bars $Dia.(mm) \times Dia.(mm) \times 0.00787 = PerMtr.$
- Weight of Carbon Steel Pipes & Tubes $Dia.(mm) \cdot W.T. (mm) \times W.T. (mm) \times 0.02466 = Kg.PerMtr.$
- Weight of Carbon Steel Sheets & Plates $Length (mtr.) \times Wdth(mtr.) \times Thk(mm) \times 7.85 = Kg Per Sheet$
- Weight of Copper Pipes $OD(mm) \cdot W.T. (mm) \times W.T. (mm) \times 0.0256 = Kg.per Mtr.$
- Weight of Lead Pipes (appro.) $OD(mm) \cdot W.T. (mm) \times W.T. (mm) \times 0.0345 = per Mtr.$
- Weight of Lead Sheets (appro.) $Length (mtr.) \times Width(mtr.) \times Thk(mm) \times 11.2 = Kg Per Sheet$
- Weight of Alluminium Pipes (appro.) $OD(mm) \cdot W.T. (mm) \times W.T. (mm) \times 0.0082 = Kg per Mtr.$
- Weight of Alluminium Sheets (appro.) $Length (mtr.) \times Width(mtr.) \times Thk(mm) \times 2.66 = Kg Per Sheet$

Tensile Strength Conversion Table

1. $Kg/mm^2 \times 9.81 = N/mm^2 = MPa$
2. $PSi \times 0.0007 = Kg/mm^2$
3. $KSi \times 1000 = PSi$
4. $Kg/mm^2 \times 1.422 = KSi$