

Conversion Factors

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1 inç = 25.4 mm	1 psi = 0.006895 N/mm ²
1 mm = 0.03937 inç	1 bar = 1.020 Atm
1 m = 39.37 inç = 3.2808 ft	1 kp/cm ² = 1 at
1 foot (12 inç) = 30.48 cm	1 N/mm ² = 1 Pa
1 inç kare = 645.16 mm ²	1 Ksi = 0.703 kg/mm ²
1 ft = 0.3048 m	1 lb/inç ² (Psi) = 0.0703 kg/cm ²
1 kg = 2.2046 lbs	1 kg/mm ² = 1422.32 lb/in ²
1 lb (pound) = 0.45359 kg	1 kgf/mm ² = 9.80665 N/mm ²
1 lb /ft = 1.4882 kg/m	1 Mt (1000 kg) = 2204.6 lbs
1 ft/lb = 1.3558 Nm	1 short ton = 907.1847 kg
1 psi = 0.06895 bar	1 kgm = 9.80665 j

Round Steel Pipe Unit Weight (kg/m)

$$A\check{G}IRLIK = (D - t) \times t \times 0.02466 = \text{kg/m}$$

D: Boru dıř apı (mm) t: Boru et kalınlıęı (mm) Sabite: 0.02466

Formula for Pipe Pressure Calculation

$$P = 200 \times 0.6 \times y \cdot t / D$$