

Conversion Tables & Formulas

Pressure		Length	
1 Bar	0.1 N/mm ²	1 Kilometer	1000 Meter
1 Bar	1.02 Kg/cm ²	1 Meter	100 Centimeter
1 Bar	14.504 PSI	1 Meter	1000 mm
1 Kg/cm ²	14.22 PSI	1 Meter	3.28 Foot
1 PSI	0.006895 MPa	1 Foot	304.8 mm
1 MPa	1000 KPa	1 Foot	12 inch
1 MPa	1 N/mm ²	1 Inch	25.4 mm
1 MPa	0.102 Kg/mm ²	1 mm	0.0394 inch
1 N/mm ²	10 Bar	1 Micron	0.001 mm
1 N/mm ²	10.2 Kg/Cm ²	1 Yard	0.9144 meter
1 N/mm ²	145.032 PSI	1 Meter	1.0936 yard
Weight		1 Yard	3 feet
1 Kg.	2.205 Pounds	1 Mile	5280 feet
1 Pound	16 Ounces	1 Mile	1760 yard
1 Pound/foot	1.48822 Kg/mtr.	Area	
Temperature		Calculation of area of round Pipe (1 side) sq. ft.	
i) C	5 (F-32) / 9	= outside diameter (mm) / 1000 x length of pipe	
ii) F	32 + 9 C / 5	(mtr.) x 3.143 x 10.764	
iii) C / 5	(F - 32) / 9	Eg. Calculation Sq. ft. of 2" NB pipe of 6 mtr. =	
C = Temperature in deg. Celsius		0.0603 x 6 mtr. x 3.143 x 10.764 = 12.24 sq. ft.	
F = Temperature in deg. Fahrenheit			

MUMBAI REGD OFFICE

Shop No. 2, Rakesh Bhavan, Bldg. No. 21, 4th Khetwadi Cross Lane,
Opp. 7th Khetwadi, Mumbai - 400 004 (M H)

Tel : 022 67438292 / 67438293 • Mob. : 09769668859

E-mail : jagdish.metal@yahoo.in / info@jagdishmetal.com

Web. : www.jagdishmetal.com

JAGDISH SOLANKI - 093211 68859

PUNE STOCK DEPOT PIPE

Plot No. J 234, Midc, Bhosari,
Pune 411026.

Tel No. 020- 66300504
E-mail : punesales59@gmail.com

BHAYANDER Stock Depot Pipe Fitting
Plot No 2, Royal Industrial Estate,
Fatak Road, Bhayander East,

Thane - 401 105 • Tel : 022-23868859
E-mail : jagdishmetal@ymail.com