

# MINI ENTERPRISES

130 GROUND FLOOR, SANT NAGAR,  
 EAST OF KAILASH, NEW DELHI 110065  
 PHONES :011-46571721,26230417/26230418  
 CELL # 9212088485/09417271849

## Conversion Factors for Pressure and Stress

lb/in <sup>2</sup> (psi)	kg/cm <sup>2</sup>
1	0.0703
100	7.03
200	14.06
300	21.09
400	28.12
500	35.15
600	42.18
700	49.21
800	56.24
900	63.27
1000	70.30
1100	77.33
1200	84.36
1300	91.39
1400	98.42
1500	105.45
1600	112.48
1700	119.51
1800	126.54
1900	133.57
2000	140.60
2100	147.63
2200	154.66
2300	161.69
2400	168.72
2500	175.75
2600	182.78
2700	189.81
2800	196.84
2900	203.87
3000	210.90
14.225	1

lb/in <sup>2</sup> (psi)	N/mm <sup>2</sup> (MPa)
1	0.00689
100	0.689
200	1.378
300	2.067
400	2.756
500	3.445
600	4.134
700	4.823
800	5.512
900	6.201
1000	6.890
1100	7.579
1200	8.268
1300	8.957
1400	9.646
1500	10.335
1600	11.024
1700	11.713
1800	12.402
1900	13.091
2000	13.780
2100	14.469
2200	15.158
2300	15.847
2400	16.536
2500	17.225
2600	17.914
2700	18.603
2800	19.292
2900	19.981
3000	20.670
145.14	1

kg/cm <sup>2</sup>	N/mm <sup>2</sup> (MPa)
1	0.09801
100	9.8
200	19.6
300	29.4
400	39.2
500	49.0
600	58.8
700	68.6
800	78.4
900	88.2
1000	98.0
1100	107.8
1200	117.6
1300	127.4
1400	137.2
1500	147.0
1600	156.8
1700	166.6
1800	176.4
1900	186.2
2000	196.0
2100	205.8
2200	215.6
2300	225.4
2400	235.2
2500	245.0
2600	254.8
2700	264.6
2800	274.4
2900	284.2
3000	294.0
10.203	1

$$1 \text{ GPa} = 1 \text{ MPa} \cdot 10^3 = 10^6 \text{ N/mm}^2$$