Pressure and Stress Conversion Factors

To Convert ↓	Multiply By This Factor , To Obtain →	Athmosphere	Pascal (n/m^2)	Dyne/cm^2	Bar	Kg/cm^2	Psia ($Lb/inch^2$)	Pound/ft^2	Inch of Water	Millimeter of Mercury
Athmosphere		1	101325	1.0133×10^{6}	1,01325	1,03319076	14,6959488	2.116,216	407,1893	760
Pascal (n/m^2)		9.8692×10^{-6}	1	**10**	**1×10^{-5}**	1.01968×10^{-5}	0,00014504	0,02088	0,004019	0,0075
Dyne/cm^2		9.8692×10^{-7}	**0,1**	1	**1×10^{-6}**	1.01968×10^{-6}	1.4504×10^{5}	0,002088	0,000402	0,00075
Bar		0,98692327	**1×10^{5}**	**1×10^{6}**	1	1,01968	14,5037256	2.088,5434	401,8646	750,06168
Kg/cm^2		0,96784111	98.069,982	980.699,83	0,9807	1	14,2232691	2.048,6123	394,0945	735,58536
Psi ($Lb/inch^2$)		0,06804596	6.894,7572	68.947,573	0,068947	0,07029148	1	**144**	27,70768	51,71493
Pound/ft^2		4.7254×10^{-4}	47,88025	478,80258	0,000478	0,00048813	0,006944	1	0,19241	0,3591314
Inch of Water		0,00245586	248,8400	2.488,4003	0,002488	0,00253690	0,036091	5,19713	1	1,866453
Millimeter of Mercury		0,00131579	133,32236	1333,22368	0,001333	0,00135921	0,019336	2,784495	0,53577	1

Figures in **bold** indicate the conversion is exact.

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