



AR Tools & Machinery, Inc.

Seattle / Portland / Salt Lake City / Spokane

800-222-3152 Fax: 509-922-2260
E-mail: whoff@artools.com

WEB Page
www.artools.com

Corporate Office

12009 E. Empire Ave
Spokane, WA 99206

To convert	Into	Multiply by
atmosphere	bar	1.01295
atmosphere	dynes/cm ²	1.01295 x 10 ⁶
atmosphere	in. Hg	29.9213
atmosphere	in. water	406.86
atmosphere	kg/cm ²	1.03325
atmosphere	mbar	1012.95
atmosphere	mtorr or micron Hg	7.6 x 10 ⁵
atmosphere	Pa or N/m ²	1.01295 x 10 ⁵
atmosphere	PSI or lb/in ²	14.696
atmosphere	torr or mm Hg	760
bar	atmosphere	0.9872
bar	dynes/cm ²	1 x 10 ⁶
bar	in. Hg	29.54
bar	in. water	401.65
bar	kg/cm ²	1.02
bar	mbar	1000
bar	mtorr or micron Hg	7.5028 x 10 ⁵
bar	Pa or N/m ²	1 x 10 ⁵
bar	psi or lb/in ²	14.508
bar	torr or mm Hg	750.2838
dynes/cm ²	atmosphere	9.872 x 10 ⁻⁷
dynes/cm ²	bar	1 x 10 ⁻⁶
dynes/cm ²	in. Hg	2.954 x 10 ⁻⁵
dynes/cm ²	in. water	4.0165 x 10 ⁻⁴
dynes/cm ²	kg/cm ²	1.0200 x 10 ⁻⁶
dynes/cm ²	mbar	1 x 10 ⁻³
dynes/cm ²	mtorr or micron Hg	0.75028
dynes/cm ²	Pa or N/m ²	0.1



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dynes/cm ²	psi or lb/in ²	1.4508 x 10 ⁻⁵
dynes/cm ²	torr or mm Hg	7.5028 x 10 ⁻⁴
in. Hg	atmosphere	3.342 x 10 ⁻²
in. Hg	bar	3.385 x 10 ⁻²
in. Hg	dynes/cm ²	3.385 x 10 ⁴
in. Hg	in. water	13.598
in. Hg	kg/cm ²	3.4532 x 10 ⁻²
in. Hg	mbar	33.85
in. Hg	mtorr or micron Hg	2.54 x 10 ⁴
in. Hg	Pa or N/m ²	3385
in. Hg	psi or lb/in ²	0.4912
in. Hg	torr or mm Hg	25.4
in. water	atmosphere	2.458 x 10 ⁻³
in. water	bar	2.489 x 10 ⁻³
in. water	dynes/cm ²	2.489 x 10 ⁻³
in. water	kg/cm ²	2.5396 x 10 ⁻³
in. water	in. Hg	7.354 x 10 ⁻²
in. water	mbar	2.489
in. water	mtorr or micron Hg	1.868 x 10 ⁻³
in. water	Pa or N/m ²	248.9
in. water	psi or lb/in ²	3.612 x 10 ⁻²
in. water	torr or mm Hg	1.868
kg/cm ²	atmosphere	0.9678
kg/cm ²	bar	0.9804
kg/cm ²	dynes/cm ²	9.804 x 10 ⁵
kg/cm ²	in. Hg	28.958
kg/cm ²	in. water	393.76
kg/cm ²	mbar	9.804 x 10 ²
kg/cm ²	mtorr or micron Hg	7.3554 x 10 ⁵



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kg/cm ²	Pa or N/m ²	9.804 x 10 ⁴
kg/cm ²	psi or lb/in ²	14.223
kg/cm ²	torr or mm Hg	7.3554 x 10 ²
mbar	atmosphere	9.872 x 10 ⁻⁴
mbar	bar	0.001
mbar	dynes/cm ²	1000
mbar	kg/cm ²	1.0200 x 10 ⁻³
mbar	in. Hg	2.954 x 10 ⁻²
mbar	in. water	0.4018
mbar	mtorr or micron Hg	7.5028 x 10 ²
mbar	Pa or N/m ²	100
mbar	psi or lb/in ²	1.450 x 10 ⁻²
mbar	torr or mm Hg	0.75028
mtorr or micron Hg	atmosphere	1.316 x 10 ⁻⁶
mtorr or micron Hg	bar	1.3328 x 10 ⁻⁶
mtorr or micron Hg	dynes/cm ²	1.3328
mtorr or micron Hg	kg/cm ²	1.3595 x 10 ⁻⁶
mtorr or micron Hg	in. Hg	3.937 x 10 ⁻⁵
mtorr or micron Hg	in. water	5.353 x 10 ⁻⁴
mtorr or micron Hg	mbar	1.3328 x 10 ⁻³
mtorr or micron Hg	Pa or N/m ²	0.13328
mtorr or micron Hg	psi or lb/in ²	1.934 x 10 ⁻⁵
mtorr or micron Hg	torr or mm Hg	1 x 10 ⁻³
Pa or N/m ²	atmosphere	9.869 x 10 ⁻⁶
Pa or N/m ²	bar	1 x 10 ⁻⁵
Pa or N/m ²	dynes/cm ²	10
Pa or N/m ²	kg/cm ²	1.020 x 10 ⁻⁵
Pa or N/m ²	in. Hg	2.954 x 10 ⁻⁴
Pa or N/m ²	in. water	4.018 x 10 ⁻³



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Pa or N/m ²	mbar	0.01
Pa or N/m ²	mtorr or micron Hg	7.5028
Pa or N/m ²	psi or lb/in ²	1.4508 x 10 ⁻⁴
Pa or N/m ²	torr or mm Hg	7.5028 x 10 ⁻³
psi or lb/in ²	atmosphere	0.06805
psi or lb/in ²	bar	0.06893
psi or lb/in ²	dynes/cm ²	6.8927 x 10 ⁴
psi or lb/in ²	kg/cm ²	7.0309 x 10 ⁻²
psi or lb/in ²	in. Hg	2.036
psi or lb/in ²	in. water	27.68
psi or lb/in ²	mbar	68.97
psi or lb/in ²	mtorr or micron Hg	5.171 x 10 ⁴
psi or lb/in ²	Pa or N/m ²	6.8927 x 10 ³
psi or lb/in ²	torr or mm Hg	51.71
torr or mm Hg	atmosphere	1.3158 x 10 ⁻³
torr or mm Hg	bar	1.3328 x 10 ⁻³
torr or mm Hg	dynes/cm ²	1.3328 x 10 ⁻³
torr or mm Hg	kg/cm ²	1.3595 x 10 ⁻³
torr or mm Hg	in. Hg	3.937 x 10 ⁻²
torr or mm Hg	in. water	0.5353
torr or mm Hg	mbar	1.3328
torr or mm Hg	mtorr or micron Hg	1000
torr or mm Hg	Pa or N/m ²	133.28
torr or mm Hg	psi or lb/in ²	1.934 x 10 ⁻²