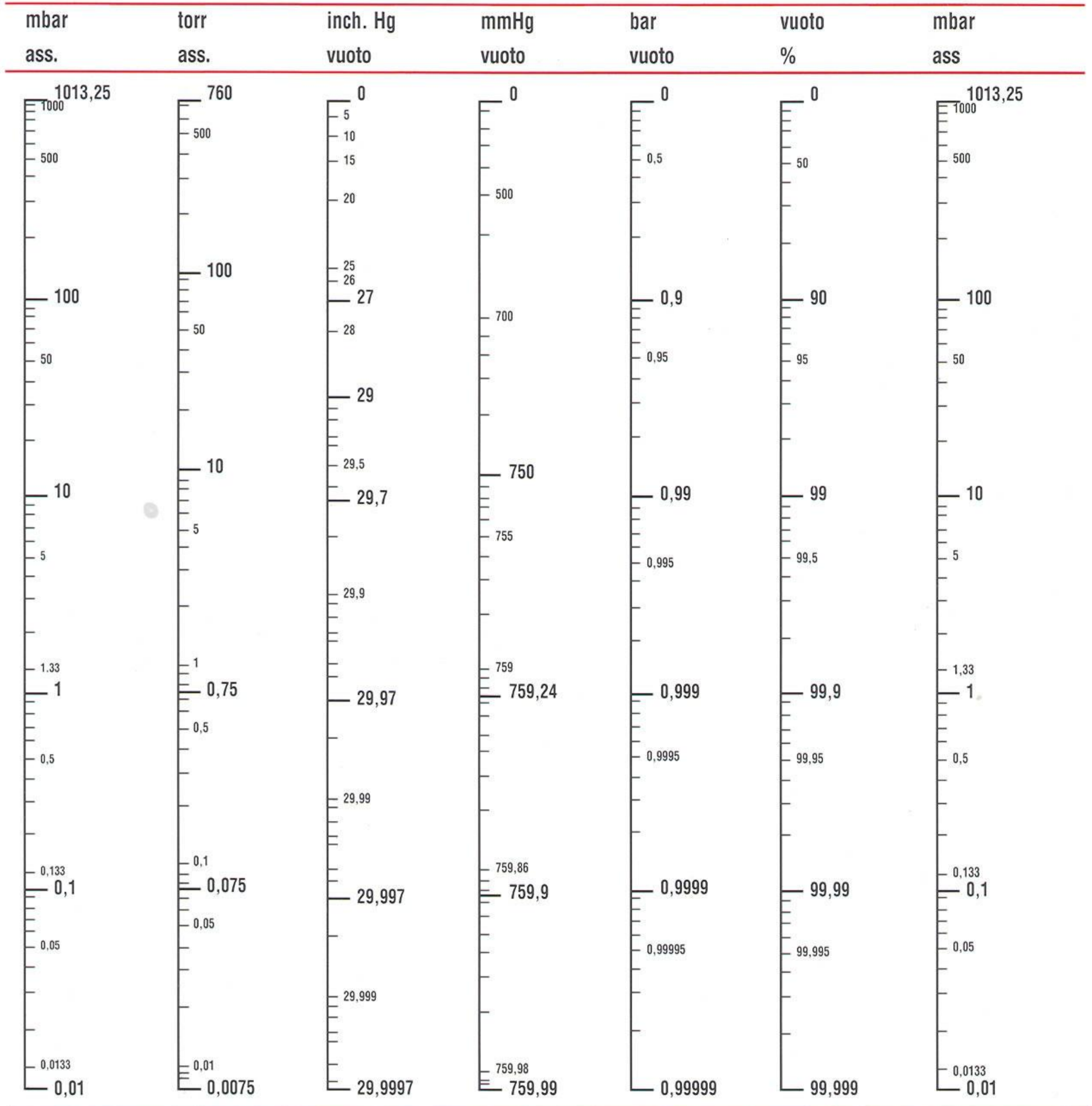


Vacuum Conversion Ratio

Conversion Table in unit of measurement for vacuum



= mbar = bar = torr = inch. Hg = psi (lbf/in²) = atm = Kg/cm² (at) = mm H₂O = m H₂O = Pa (N/m²)

Conversion factors in unit of measurement for pressure (absolute values)

	x	1	10 ⁻³	0,75	2,95x 10 ⁻²	14,5 x 10 ⁻³	9,87 x 10 ⁻⁴	1,02 x 10 ⁻³	10,2	1,02 x 10 ⁻²	100,0
mbar	x	1	10 ⁻³	0,75	2,95x 10 ⁻²	14,5 x 10 ⁻³	9,87 x 10 ⁻⁴	1,02 x 10 ⁻³	10,2	1,02 x 10 ⁻²	100,0
bar	x	1000,0	1	750,0	29,53	14,6	0,987	1,02	10197,0	10,19	100000
torr	x	1,33	1,33 x 10 ⁻³	1	3,94 x 10 ⁻²	1,93 x 10 ⁻²	1,316 x 10 ⁻³	1,359 x 10 ⁻³	13,59	1,359 x 10 ⁻³	133,32
inch. Hg	x	33,9	33,9 x 10 ⁻³	25,4	1	0,491	3,34 x 10 ⁻²	3,45 x 10 ⁻²	345,0	0,345	3386,0
psi (lbf/in ²)	x	68,9	6,89 x 10 ⁻²	51,7	2,04	1	6,8 x 10 ⁻²	7,03 x 10 ⁻²	703	0,703	6897
atm	x	1013,25	1,013	760,0	30,0	14,696	1	1,033	10332	10,332	101325,0
Kg/cm ² (at)	x	9,81	0,981	7356	28,96	14,2	0,968	1	10000	10	98067,0
mm H ₂ O	x	9,81 x 10 ⁻²	9,81 x 10 ⁻⁵	7,35 x 10 ⁻²	2,89 x 10 ⁻³	1,42 x 10 ⁻³	9,67 x 10 ⁻⁵	10 ⁻⁴	1	10 ⁻³	9,8067
m H ₂ O	x	98,067	9,81 x 10 ⁻²	73,5	2,89	1,42	9,67 x 10 ⁻²	10	10000	1	9806,7
Pa (N/m ²)	x	0,01	10 ⁻⁵	7,5 x 10 ⁻³	2,95 x 10 ⁻⁴	1,45 x 10 ⁻⁴	9,87 x 10 ⁻⁶	1,02 x 10 ⁻⁵	0,102	1,02 x 10 ⁻⁴	1

Esempio: Per trasformare 10 mbar in Torr = 10 x 0,75 = 7,5 Torr