

**FATTORI DI CONVERSIONE NELLE UNITA'  
DEL SISTEMA INTERNAZIONALE (A X F >>>B)**  
**CONVERSION FACTORS FOR INTERNATIONAL SYSTEM UNITS (A X F >>>B)**

	Unità Convenzionale <i>Conventional unit</i>	"F" fattore <i>"F" factor</i>	"B" unità SI <i>"B" SI unit</i>
Lunghezza <i>Length</i>	in	0.0254	m
	ft	0.3048	m
	yd	0.9144	m
	miglia / <i>mile</i>	1609.3	m
Area / volume <i>Area / volume</i>	ft <sup>2</sup>	0.0929	m <sup>2</sup>
	ft <sup>3</sup>	0.0283	m <sup>3</sup>
Massa <i>Mass</i>	lb	0.45359	kg
	oz (av)	0.02835	kg
Quantità di sostanza <i>Quantity of substance</i>	lbmo1e	0.45359	kmole
	Nm <sup>3</sup> (0° C, 1 atm)	0.044616	kmole
	std ft <sup>3</sup> (60° F, 1 atm)	0.0011953	kmole
Pressione <i>Pressure</i>	kPa	1000	Pa=N/m <sup>2</sup>
	kg / cm <sup>2</sup>	98100	Pa
	kg / cm <sup>2</sup>	98.1	kPa
	atm	101.3	kPa
	bar	100	kPa
	bar	100000	Pa
	mm Hg = Torr	133.3	Pa
	mm H <sub>2</sub> O	9.81	Pa
Energia / Quantità di calore <i>Energy / Quantity of heat</i>	kg*m	9.81	J=N*m=W*s
	kcal	4186.8	J=kg* m <sup>2</sup> /s <sup>2</sup>
	erg	0.0000001	J
	BTU	1.055	J
	ft*lb	1.356	J
Potenza/flusso termico <i>Power/heat flow</i>	kcal/h	1.162	W=J/s
	BTU	0.293	W
	HP	0.7457	kW
	CV (cav. vapore) / CV ( <i>horse power</i> )	0.7355	kW
Densità <i>Density</i>	lb / ft <sup>3</sup>	16.0185	kg/ m <sup>3</sup>
	lb / u.s. gal	119.826	kg/m <sup>3</sup>
	lb / u.k. gal	99.776	kg/m <sup>3</sup>
Calore specifico e latente <i>Specific and latent heat</i>	kcal / (kg° C)	4.1868	J
	BTU / (lb°F)	4.1868	J
	kcal	4.1868	J
	BTU / lb	2.326	J
Viscosità dinamica e cinematica <i>Dynamic and kinematic viscosity</i>	kg * s/m <sup>2</sup>	9.81	Pa *s=kg (m*s)
	cp	0.001	Pa*s
	cst	0.000001	m/s

*N.B. Bear in mind that when reading the tables, the values are given with the European decimal notation; for English readers the comma should be taken as the decimal point.*