

# ALTRI FATTORI DI CONVERSIONE PER UNITA' NON SI

## OTHER CONVERSION FACTORS FOR NON SI UNITS

### MASSA LINEARE MASS PER UNIT LENGHT

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
libbra/piede (lb/ft) - pound/foot	chilogrammo/metro (kg/m) - kilogramme/metre	1,4882	0,672
libbra/pollice (lb/in) - pound/inch	chilogrammo/metro (kg/m) - kilogramme/metre	17,858	$5,6 \times 10^{-2}$
libbra/iarda (lb/yd) - pound/yard	chilogrammo/metro (kg/m) - kilogramme/metre	0,496	2,016

### MASSA VOLUMICA E SOLUZIONI LIQUIDE MASS PER UNIT VOLUME AND LIQUID SOLUTIONS

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
grain/gallone (gr/gal) - grain/gallon (UK)	parti per milione (p.p.m.) - parts per million	14,254	$7,016 \times 10^{-2}$
grain/gallone (gr/gal) - grain/gallon (US)	grammi/litro (g/L = g/dm <sup>3</sup> ) - grammes/litre	$1,7118 \times 10^{-2}$	58,417
grain/gallone (gr/gal) - grain/gallon (US)	parti per milione (p.p.m.) - parts per million	17,118	$5,842 \times 10^{-2}$
grain/libbra (gr/lb) - grain/pound	grammo/chilogrammo (g/kg) - gramme/kilogramme	0,1428	7,003
libbra/gallone (lb/gal) - pound/gallon (UK)	chilogrammo/litro (kg/L) - kilogramme/litre	0,0998	10,02
libbra/gallone (lb/gal) - pound/gallon (US)	chilogrammo/litro (kg/L) - kilogramme/litre	0,11983	8,345
libbra/piede cubo (lb/ft <sup>3</sup> ) - pound/cubic foot	chilogrammo/metro cubo (kg/m <sup>3</sup> ) - kilogramme/cubic metre	16,018	$6,2428 \times 10^{-2}$
libbra/piede cubo (lb/ft <sup>3</sup> ) - pound/cubic foot	grammo/litro (g/L) - gramme/litre	16,018	$6,2428 \times 10^{-2}$
libbra/piede cubo (lb/ft <sup>3</sup> ) - pound/cubic foot	libbra/pollice cubo (lb/in <sup>3</sup> ) - pound/cubic inch	$5,787 \times 10^{-4}$	1728
libbra/pollice cubo (lb/in <sup>3</sup> ) - pound/cubic inch	chilogrammo/metro cubo (kg/m <sup>3</sup> ) - kilogramme/cubic metre	$27,68 \times 10^3$	$3,6127 \times 10^{-5}$
libbra/pollice cubo (lb/in <sup>3</sup> ) - pound/cubic inch	grammo/centimetro cubo (g/cm <sup>3</sup> ) - gramme/cubic centimetre	27,678	0,03613
oncia/gallone (oz/gal) - ounce/gallon (UK)	grammo/litro (g/L) - gramme/litre	6,236	0,1604
oncia/gallone (oz/gal) - ounce/gallon (US)	grammo/litro (g/L) - gramme/litre	7,489	0,1335
parti per milione (p.p.m.) - parts per million	grammo/litro (g/L) - gramme/litre	$10^{-3}$	$10^3$
parti per milione (p.p.m.) - parts per million	milligrammo/litro (mg/L) - milligramme/litre	1	1
tonnellata/iarda cubica (ton/yd <sup>3</sup> ) - ton/cubic yard (UK)	chilogrammo/metro cubo (kg/m <sup>3</sup> ) - kilogramme/cubic metre	1328,94	$7,525 \times 10^{-4}$
tonnellata/iarda cubica (ton/yd <sup>3</sup> ) - ton/cubic yard (US)	chilogrammo/metro cubo (kg/m <sup>3</sup> ) - kilogramme/cubic metre	1186,55	$8,428 \times 10^{-4}$



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FORZA  
FORCE

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
chilopound (kp) - kilopound	newton (N)	9,807	3,597
kip	chilonewton (kN) - kilonewton	4.4482	0,2248
oncia forza (oz <sub>f</sub> ) - ounce force	newton	0,278	3,597
poundal	newton (N)	0,1383	7,234
tonnellata forza (ton <sub>f</sub> ) - ton force (UK)	chilonewton (kN) - kilonewton	9,964	0,1004
tonnellata forza (ton <sub>f</sub> ) - ton force (US)	chilonewton (kN) - kilonewton	8,896	0,1124

FORZA PER UNITÀ DI LUNGHEZZA E MOMENTO  
FORCE PER UNIT LENGHT AND MOMENT

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
libbra <sub>f</sub> /piede (lb <sub>f</sub> /ft) - pound <sub>f</sub> /foot	newton/metro (N/m) - newton/metre	14,594	6,852x10 <sup>-2</sup>
libbra <sub>f</sub> · piede (lb <sub>f</sub> · ft) - pound <sub>f</sub> · foot	newton · metro (N · m) - newton · metre	1,356	0,7376
libbra <sub>f</sub> /pollice (lb <sub>f</sub> /foot) - pound <sub>f</sub> /inch	newton/metro (N/m) - newton/metre	175,127	5,71x10 <sup>-3</sup>
libbra <sub>f</sub> · pollice (lb <sub>f</sub> · ft) - pound <sub>f</sub> · inch	newton · metro (N · m) - newton · metre	0,113	8,850
tonnellata <sub>f</sub> /piede (ton <sub>f</sub> /ft) - ton <sub>f</sub> /foot (UK)	chilonewton/metro (kN/m) - kilonewton/metre	32,690	3,059x10 <sup>-2</sup>
tonnellata <sub>f</sub> · piede (ton <sub>f</sub> · ft) - ton <sub>f</sub> · foot (UK)	chilonewton · metro (kN · m) - kilonewton · metre	3,037	0,3293
tonnellata <sub>f</sub> /piede (ton <sub>f</sub> /ft) - ton <sub>f</sub> /foot (US)	chilonewton/metro (kN/m) - kilonewton/metre	29,188	3,426x10 <sup>-2</sup>
tonnellata <sub>f</sub> · piede (ton <sub>f</sub> · ft) - ton <sub>f</sub> · foot (US)	chilonewton · metro (kN · m) - kilonewton · metre	2,712	0,3687
tonnellata <sub>f</sub> /iarda (ton <sub>f</sub> /yd) - ton <sub>f</sub> /yard (UK)	chilonewton/metro (kN/m) - kilonewton/metre	10,897	0,0918
tonnellata <sub>f</sub> · iarda (ton <sub>f</sub> · yd) - ton <sub>f</sub> · yard (UK)	chilonewton · metro (kN · m) - kilonewton · metre	9,111	0,1098
tonnellata <sub>f</sub> /iarda (ton <sub>f</sub> /yd) - ton <sub>f</sub> /yard (US)	chilonewton/metro (kN/m) - kilonewton/metre	9,730	0,1028
tonnellata <sub>f</sub> · iarda (ton <sub>f</sub> · yd) - ton <sub>f</sub> · yard (US)	chilonewton · metro (kN · m) - kilonewton · metre	8,135	0,1229

CALORE E TRASMISSIONE DEL CALORE  
HEAT AND HEAT TRANSFER

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
Btu / libbra (Btu/lb) - Btu / pound	chilojoule / chilogrammo (kJ/kg) kilojoule / kilogramme	2,326	0,430
Btu / piede cubo (Btu/ft <sup>3</sup> ) - Btu / cubic foot	chilojoule / metro cubo (kJ/m <sup>3</sup> ) kilojoule / cubic metre	37,259	2,684x10 <sup>-2</sup>
Btu / piede cubo · grado F (Btu/ft <sup>3</sup> · F) Btu / cubic foot · degree F	chilojoule / metro cubo · grado C (kJ/m <sup>3</sup> · C) kilojoule / cubic metre · degree C	67,066	1,491x10 <sup>-2</sup>
Btu / piede quadro · minuto (Btu/ft <sup>2</sup> · min) Btu / square foot · minute	watt / centimetro quadro (W/cm <sup>2</sup> ) watt / square centimetre	0,0189	52,910
Btu / piede quadro · ora (Btu/ft <sup>2</sup> · h) Btu / square foot · hour	watt / metro quadro (W/m <sup>2</sup> ) watt / square metre	3,155	0,317
Btu · pollice/piede quadro · ora · F (Btu · in/ft <sup>2</sup> · h · F) Btu · inch / square foot · hour · F	watt / metro · grado C (W/m · C) watt / metre · degree C	0,1442	6,935
Btu · pollice/piede quadro · sec · F (Btu · in/ft <sup>2</sup> · s · F) Btu · inch / square foot · sec · F	watt / metro · grado C (W/m · C) watt / metre · degree C	519,22	1,926x10 <sup>-3</sup>
caloria/centimetro · sec · grado C (cal/cm · s · C) calorie/centimetre · sec · degree C	watt / metro · grado C (W/m · C) watt / metre · degree C	418,68	2,388x10 <sup>-3</sup>
therm / gallone UK (therm/gal) - therm / UK gallon	gigajoule / metro cubo (GJ/m <sup>3</sup> ) gigajoule / cubic metre	23,208	4,309x10 <sup>-2</sup>
therm / gallone US (therm/gal) - therm / US gallon	gigajoule / metro cubo (GJ/m <sup>3</sup> ) gigajoule / cubic metre	27,872	3,588x10 <sup>-2</sup>

VISCOSITÀ  
VISCOSITY

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
centipoise	millipascal · secondo (mPa · s)	1	1
centistoke	millimetro quadro/secondo (mm <sup>2</sup> /s) square millimetre/second	1	1
libbra <sub>f</sub> · ora/piede quadro (lb <sub>f</sub> · h/ft <sup>2</sup> ) pound <sub>f</sub> · hour / square foot	megapascal · secondo (MPa · s = MN · s/m <sup>2</sup> ) megapascal · second	0,17237	5,801
libbra <sub>f</sub> · secondo/piede quadro (lb <sub>f</sub> · sec/ft <sup>2</sup> ) pound <sub>f</sub> · second / square foot	pascal · secondo (Pa · s = N · s/m <sup>2</sup> ) pascal · second	47,880	2,088x10 <sup>-2</sup>
piede quadro/ora (ft <sup>2</sup> /h) square foot/hour	millimetro quadro/secondo (mm <sup>2</sup> /s) square millimetre/second	25,806	3,875x10 <sup>-2</sup>
piede quadro/secondo (ft <sup>2</sup> /sec) square foot/second	metro quadro/secondo (m <sup>2</sup> /s) square metre/second	0,0929	10,764
poise (P)	pascal · secondo (Pa · s) pascal · second	0,1	10
poundal · secondo/piede quadro (poundal · sec/ft <sup>2</sup> ) poundal · second / square foot	pascal · secondo (Pa · s = N · s/m <sup>2</sup> ) pascal · second	1,488	0,672
stoke (St)	centimetro quadro/secondo (cm <sup>2</sup> /s) square centimetre/second	1	1

GRANDEZZE ELETTRICHE  
ELECTRIC PHYSICAL QUANTITIES

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
abampere (EMU di corrente) - (EMU of current)	ampère (A)	10	$10^{-1}$
abcoulomb (EMU di carica elettrica) - (EMU of electric charge)	coulomb ( $C = A \cdot s$ )	10	$10^{-1}$
abfarad (EMU di capacità) - (EMU of capacitance)	gigafarad (GF)	1	1
abhenry (EMU di induttanza) - (EMU of inductance)	nanohenry ( $\eta H$ )	1	1
abohm (EMU di resistenza) - (EMU of resistance)	nanoohm ( $\eta \Omega$ )	1	1
abvolt (EMU di potenziale) - (EMU of potential)	nanovolt ( $\eta V$ )	10	$10^{-1}$
faraday	kilocoulomb (kC)	96,521	$1,036 \times 10^{-2}$
gamma	nanotesla ( $\eta T$ )	1	1
gauss	microtesla ( $\mu T$ )	$10^2$	$10^{-2}$
roentgen	millicoulomb/kilogramme (mC/kg)	0,257976	3,8763
statampere (ESU di corrente) - (ESU of current)	picoampere (pA)	333,56	$2,998 \times 10^{-3}$
statfarad (ESU di capacità) - (ESU of capacitance)	picofarad (pF)	1,1126	0,8988
stathenry (ESU di induttanza) - (ESU of inductance)	terahenry (TH)	0,8988	1,1126
statohm (ESU di resistenza) - (ESU of resistance)	teraohm (T $\Omega$ )	0,8988	1,1126
statvolt (ESU di potenziale) - (ESU of potential)	volt (V)	299,79	$3,336 \times 10^{-3}$

PORTATA IN MASSA  
FLOWRATE IN MASS

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
libbra/minuto (lb/min) - pound/minute	chilogrammo/secondo (kg/s) - kilogramme/second	$7,560 \times 10^{-3}$	132,28
libbra/ora (lb/h) - pound/hour	chilogrammo/ora (kg/h) - kilogramme/hour	0,4536	2,2046
libbra/ora (lb/h) - pound/hour	chilogrammo/secondo (kg/s) - kilogramme/second	$1,26 \times 10^{-4}$	7936,64
libbra/secondo (lb/sec) - pound/second	chilogrammo/ora (kg/h) - kilogramme/hour	1632,93	$6,124 \times 10^{-4}$
libbra/secondo (lb/sec) - pound/second	chilogrammo/secondo (kg/s) - kilogramme/second	0,4536	2,2046
oncia/minuto (oz/min) - ounce(avdp)/minute	chilogrammo/ora (kg/h) - kilogramme/hour	1,701	0,5879
oncia/minuto (oz/min) - ounce(avdp)/minute	chilogrammo/secondo (kg/s) - kilogramme/second	$4,725 \times 10^{-4}$	2116,44
oncia/secondo (oz/sec) - ounce(avdp)/second	chilogrammo/ora (kg/h) - kilogramme/hour	102,06	$9,798 \times 10^{-3}$
oncia/secondo (oz/sec) - ounce(avdp)/second	chilogrammo/secondo (kg/s) - kilogramme/second	$2,835 \times 10^{-2}$	35,274
tonnellata UK/ora (ton/h) - UK ton/hour	chilogrammo/secondo (kg/s) - kilogramme/second	0,2822	3,543
tonnellata US/ora (ton/h) - US ton/hour	chilogrammo/secondo (kg/s) - kilogramme/second	0,2520	3,968

ACCELERAZIONE  
ACCELERATION

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
piede/secondo quadrato (ft/s <sup>2</sup> ) - foot/square second	metro/secondo quadrato (m/s <sup>2</sup> ) - metre/square second	0,3048	3,2808
miglio st./ora · secondo (ml/h · s) - mile st./hour · second	metro/secondo quadrato (m/s <sup>2</sup> ) - metre/square second	0,447	2,237
chilometro/ora · secondo (km/h · s) - kilometre/hour · second	metro/secondo quadrato (m/s <sup>2</sup> ) - metre/square second	0,2778	3,60

ILLUMINAMENTO  
ILLUMINATION

Per passare da For changing from	a to	moltiplicare per multiply by	inversamente per inversely by
candela/piede quadro (cd/ft <sup>2</sup> ) candel/square foot	candela/metro quadro (cd/m <sup>2</sup> ) candel/square metre	10,764	$9,29 \times 10^{-2}$
candela/pollice quadro (cd/in <sup>2</sup> ) candel/square inch	candela/metro quadro (cd/m <sup>2</sup> ) candel/square metre	1550,0	$6,4516 \times 10^{-4}$
lambert	chilocandela/metro quadro (kcd/m <sup>2</sup> ) kilocandel/square metre	3,183	0,314
piede · candela (ft · cd) foot · candel	lux	10,764	$9,29 \times 10^{-2}$