Lunghezza

2.450 cm/in	3,281 ft/m	1,609 km/mi	12 in/ft
30,480 cm/ft	5280 ft/mi	10^{10} Å/m	3 ft/yd

Area

6,452 cm^2/in^2	10,764 ft^2/m^2	144 in^2/ft^2	929 cm^2/ft^2

Volume

16,387 cm^3/in^3	28,317 l/ft^3	7,48 gal/ft^3
3,7845 l/gal	1728 in^3/ft^3	4 qt/gal

Massa

453,59 g/lbm	14,594 kg/slug	2000 lbm/ton
2,2046 lbm/kg	32,174 lbm/slug	28,349 g/oz

Forza

9,807 N/kgf	7,233 poundal/N	10^5 dyn/N
4,448 N/lbf	32,174 poundal/lbf	2,205 lbf/kgf

Densità

62,428 $\frac{lbm/ft^3}{g/cm^3}$	1000 $\frac{kg/m^3}{g/cm^3}$	32,174 $\frac{lbm/ft^3}{slug/ft^3}$
1,9403 $\frac{slug/ft^3}{g/cm^3}$	16,018 $\frac{kg/m^3}{lbm/ft^3}$	8,345 $\frac{lbm/gal}{g/cm^3}$

Viscosità

100 $\frac{cp}{g/(cm \cdot s)}$	1000 $\frac{kg/m^3}{g/cm^3}$	0,6723 $\frac{lbm/(ft \cdot s)}{kg/(m \cdot s)}$
2,42 $\frac{lbm/(ft \cdot h)}{cp}$	0,06723 $\frac{lbm/(ft \cdot s)}{(cm \cdot s)}$	

Conducibilità termica

1,730278 $\frac{W/m \cdot °C}{Btu/h \cdot ft \cdot °F}$	241,9 $\frac{Btu/h \cdot ft \cdot °F}{cal/s \cdot cm \cdot °C}$

Pressione

1,01325 $\frac{bar}{atm}$	1,0332 $\frac{kgf/cm^2}{atm}$	144 $\frac{lbf/ft^2}{psi}$	27,71 $\frac{in \cdot H_2O}{psi}$
10^5 $\frac{N/m^2}{bar}$	14,696 $\frac{psi}{atm}$	0,1 $\frac{dyn/cm^2}{Pa}$	760 $\frac{mmHg}{atm}$
100 $\frac{kPa}{bar}$	2116,2 $\frac{lbf/ft^2}{atm}$	2,036 $\frac{in \cdot Hg}{psi}$	6,8949 $\frac{kPa}{psi}$

Energia

1,8 $\frac{Btu/lbm}{kcal/kg}$	550 $\frac{ft \cdot lbf/s}{hp}$	737,56 $\frac{ft \cdot lbf/s}{kW}$
4,18676 kJ/kcal	3412,8 Btu/kWh	1,35582 J/(ft · lbf)
$2,6552 \times 10^6$ ft · lbf/kWh	3600 kJ/kWh	0,25199 kcal/Btu
1,3410 hp/kW	778,16 ft · lbf/Btu	860 kcal/kWh
0,252 kcal/Btu	2544,46 Btu/(hp · h)	101,92 kgf · m/kJ
1,05505 kJ/Btu	$1,98 \times 10^6$ ft · lbf/(hp · h)	0,746 kW/hp