

1.3 Umrechnung von Einheiten

Einheit	Umrechnung in SI-Einheit		
Inch	1 in (")	=	0,0254 m
Yard (3 ft)	1 yd	=	0,9144 m
Foot (12 in)	1 ft	=	0,3048 m
Gallon (USA)	1 gal	=	0,0037854 m ³
Gallon (brit.)	1 gal	=	0,0045461 m ³
Barrel Petrol (USA)	1 barrel	=	0,159 m ³
Yard per second	1 yd s ⁻¹	=	0,9144 m s ⁻¹
Foot per minute	1 ft min ⁻¹	=	0,00508 m s ⁻¹
Mile per hour	1 mile h ⁻¹	=	1,6093 km h ⁻¹
Square foot per second	1 ft ² s ⁻¹	=	0,092903 m ² s ⁻¹
Pound	1 lb	=	0,4535924 kg
Pound per square inch	1 psi	=	6,894757 kPa
Cubic foot per pound	1 ft ³ lb ⁻¹	=	0,062428 m ³ kg ⁻¹
Pound per cubic foot	1 lb ft ⁻³	=	16,01846 kg m ⁻³
Pound per foot and second	1 lb ft ⁻¹ s ⁻¹	=	1,48816 Pa s
Horsepower	1 hp	=	0,7457 kW
British thermal unit	1 Btu	=	1,05506 kJ
Btu per pound	1 Btu lb ⁻¹	=	2,326 kJ kg ⁻¹
Btu per pound and Rankine	1 Btu lb ⁻¹ R ⁻¹	=	4,1868 kJ kg ⁻¹ K ⁻¹
Btu per foot, hour and Rankine	1 Btu ft ⁻¹ h ⁻¹ R ⁻¹	=	1,7306 W m ⁻¹ K ⁻¹
Btu per square foot, hour and Rankine	1 Btu ft ⁻² h ⁻¹ R ⁻¹	=	5,6778 W m ⁻² K ⁻¹
Btu per hour	1 Btu h ⁻¹	=	2,93071 W