

ENGLISH UNITS TO METRIC UNITS

1 foot = 3048 m
1 inch (in.) = 25.4 millimeter (mm)
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1 cu. ft. = 28.316 cu. m.
1 lb./cu. ft. = 16.018 kg./cu. m.
1 lb. = 4.448 NEWTON (N)
1 lb. = 4536 kg
1 lb. = 4448 dy
1 in.-lb. = 113 N-cm
1 gal = 8864.7 N./sq. m.
1 gal = 5.0247 k Pa
1 gal = 308585 N./sq. mm
1 gal = 3763 kg./sq. cm
1 gal = 308585 N Pa
1 BTU/hr = 293 W
BTU/hr./sq. ft. into °F = 1442 N./sq.-m
°F = 5/9°C + 32
°C = 5/9(°F - 32)

ENGLISH CONVERSIONS

1 cu. in. = .000028 cu. ft.
1 cu. ft. = 237.04 cu. yd.
1 circular ft. = 30845 sq. ft.
1 circular ft. = 3084546 sq. ft.
1 sq. ft. = 107.64 circular ft.
1 cu. ft. = 2300 circular ft.

WEIGHT OF WATER

1 cu. in. = .03617 lbs.
12 cu. in. = 434 lbs.
1 cu. in. = .004328 U.S. GAL.
1 cu. ft. = 7.48052 U.S. GAL.
1 U.S. GALLON = 8.325 lbs.
35.24 cu. ft. = 2942 lbs. (LONG TON)
1240 lbs. (LONG TON) = 348.8 U.S. GAL.

METRIC UNITS TO ENGLISH UNITS

1 millimeter = .00254 in.
1 centimeter = .3937 in.
1 meter = 39.37 in.
1 meter = 3.281 ft.
1 meter = 1.094 yds.
1 kilometer = 2187.87 ft.
1 kilometer = 1.2 miles
1 sq. millimeter = .0015 sq. in.
1 sq. centimeter = .155 sq. in.
1 sq. meter = 10.764 sq. ft.
1 sq. kilometer = 247.1 acres
1 hectare = 2.471 acres
1 cu. meter = 35.233 cu. ft.
1 cu. meter = 1.358 cu. yds.
1 liter = 61.023 cu. in.
1 liter = 33.814 fl. oz.
1 liter = 2842 OZ.
1 hectoliter = 2.642 cu. ft.
1 hectoliter = .721 cu. yds.
1 gram = 15.432 grains
1 gram = .03528 lb. oz.
1 joule = .7375 ft. lb.
1 kilogram = 2.2046 lbs.
1 kilogram/sq. centimeter = 14.223 lb./sq. in.
1 kilogram/cu. meter = .062 lb./cu. ft.
1 calorie = 3.968 BTU
1 degree celsius = 459.67 degrees fahrenheit (subtract 32) + 32 = degrees F°.



RILCO MANUFACTURING CO., INC.

 1000 EASTMAN DRIVE, WILSON, N.C. 27157
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TITLE: ENGLISH - METRIC
Conversion Tables

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