

Common Imperial to Metric Conversions

Length

1 inch = 25.400 millimeters (___ inches X 25.400 = ___ millimeters)

1 foot = 0.3048 meters (___ feet X 0.3048 = ___ meters)

Area

1 square inch = 6.452 square centimeters (___ square inches X 6.452 = ___ square centimeters)

1 square foot = 0.093 square meters (___ square feet X 0.093 = ___ square meters)

Pressure

1 pound/square inch (PSI) = 0.007 megapascal (___ PSI X 0.007 = megapascal)

1 pound/square foot (PSF) = 47.880 pascal (___ PSF X 47.880 = pascal)

Weight

1 ounce = 28.350 grams (___ ounces X 28.350 = ___ grams)

1 pound = 0.454 kilograms (___ pounds X 0.454 = ___ kilograms)

Liquid Volume

1 ounce [US, liquid] = 29.570 milliliters (___ ounces X 29.570 = ___ milliliters)

1 pint [US, liquid] = 0.473 liters (___ pints X 0.473 = ___ liters)

Air Infiltration

1 cfm/ft² = 5 L/s· m² (___ cfm/ft² X 5 = ___ L/s· m²)