



# HSM Wire International, Inc

Ph: 330-244-8501 Fax: 330-244-8561

www.hsmwire.com

## Metric Conversion Factors

MICRON X .00003937	= INCHES
MILLIMETERS X .03937	= INCHES
MILLIMETERS / 25.4 CENTIMETERS X .3937	= INCHES = INCHES
CENTIMETERS / 2.54 METERS X 39.37	= INCHES = INCHES
METERS X 3.281	= FEET
METERS X 1.094	= YARDS
KILOMETERS X .621	= MILES
KILOMETERS / 1.6093	= MILES
KILOMETERS X 3280.8693	= FEET
SQUARE MILLIMETERS X .00155	= SQ. INCHES
SQUARE MILIMETERS / 645.1	= SQ. INCHES
1 SQUARE MILLIMETER	= 1973.5 CIRCULAR MILLS
SQUARE CENTIMETERS X .155	= SQ. INCHES
SQUARE CENTIMETERS / 6.451	= SQ. INCHES
SQUARE METERS X 10.764	= SQ. FEET
SQUARE KILOMETERS X 247.1	= ACRES
HECTARES X 2.471	= ACRES
CUBIC CENTIMETERS / 16383	= CUBIC INCHES
CUBIC CENTIMETERS / 3.69	= FL. DRAMS
CUBIC CENTIMETERS / 29.57	= FLUID OZ.
CUBIC METERS X 35.315	= CUBIC FEET
CUBIC METERS X 1.308	= CUBIC YARDS
CUBIC METERS X 264.2 LITERS X 61.022	= GALLONS (231 CU IN) = CUBIC INCHES
LITERS X 33.8	= FLUID OUNCES
LITERS X .2642 LITERS / 3.78 LITERS / 28.316 HECTOLITERS X 3.531	= GALLONS (231 CU IN) = GALLONS (231 CU IN) = CUBIC FEET = CUBIC FEET
HECTOLITERS X 2.84 HECTOLITERS X .131	= BUSHELS (21 50.42 CU IN) = CUBIC YARDS
HECTOLITERS / 26.42 GRAMS X 15.432	= GALLONS (231 CU IN) = GRAINS
GRAMS / 981. GRAMS (WATER) / 29.57 GRAMS / 28.35	= DYNES = FLUID OUNCES = OUNCES AVOIRDUPOIS
GRAMS PER CU CENT / 27.7 1 GRAM	= LBS PER CU INCH = .03216 OUNCE TROY
JOULE X .7373	= FOOT POUNDS
KILO-GRAMS X 2.2046	= POUND



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KILO-GRAMS X 35.3	= OUNCES AVOIRDUPOIS
KILO-GRAMS / 907.2 1 METRIC TON	= TONS (2,000 LBS) = 2204.6 POUNDS
KILO-GRAM PER SQ. CENT X 14.223 KILO-GRAM=METERS X 7.233	= LBS PER SQ. INCH = FOOT LBS
KILO-GRAMS PER METER X .672	= LBS PER FOOT
1 KILO-GRAM PER SQ MILLIMETER	= 1422.32 LBS PER SQ. INCH
1.0335 KILO-GRAM PER SQ. CENT 1.0335 KILO-GRAM PER SQ. CENT KILO- GRAM PER CU METER X .062	= 1 ATMOSPHERE = 14.7 LBS PER SQ. INCH = LBS PER CU FOOT

Last Edited: 6/1/2013