

CONVERSION CHARTS

Grams per square meter formula (GSM)

Formula:

$$\text{Basis Weight} \times 1406.5 = \text{GSM}$$

Area of Basic Size*

Example: Calculate the equivalent in grams of sheet 24"x 36" and a basis weight of 90 lbs

$$\frac{90 \times 1406.5}{24 \times 36} = 146.51 \text{ gsm}$$

24 x 36

English to Metric			Metric to Standard		
To convert	into	Multiply by	To convert	into	Multiply by
LENGTH					
inches	mm	25.4	mm	inches	.03937
inches	cm	2.54	cm	inches	0.3937
inches	meters	0.0254	meters	inches	39.37
Feet	meters	.3048	meters	feet	3.281
Yards	meters	0.9144	meters	yards	1.0936
WEIGHT					
Ounces	grams	28.35	grams	ounces	0.03527
Ounces	kg	0.02835	kg	ounces	35.27
Pounds	kg	.4536	kg	pounds	2.2046
Pounds	tons	0.000454	kg	tons (US)	0.001102
tons (US)	kg	907.2	kg	tons (long)	0.000984
tons (US)	tons (long)	0.9072	tons (long)	pounds	2204.6
tons (long)	kg	1016.0	tons	tons (US)	1.1023
tons (long)	tons	1.0160	tons	tons (long)	0.9842
TEMPERATURE					
°F	°C	-32° ÷ 1.8	°C	°F	X 1.8 + 32