

Definitions:

Basis Weight

The basis weight of a paper is the designated fixed weight of 500 sheets, measured in pounds, in that paper's basic sheet size. It is important to note that the "basic sheet size" is not the same for all types of paper.

Caliper

Caliper refers to the thickness of a sheet of paper expressed in thousandth of an inch. This measurement is taken with a micro meter. Normally, paper caliper should not have more than a + or - 5% variance within a sheet. Generally, the relation between caliper and basis weight... the greater the caliper (the thicker the paper), the greater the paper weight.

Equivalent Weight

While different paper types have different basic sizes, papers can still be compared by using equivalent weight.

Basis Weight ("Category") Table

Type Paper	Basic Size - 500 Sheets
Bond , Ledger, Mimeo, Duplicator, Rag Paper	17" x 22"
Offset , Book, Text, Coated Paper	25" x 38"
Cover	20" x 26"
Tag Stock	24" x 36"
Index	25-1/2" x 30-1/2"

LENGTH AND DISTANCE

WHEN YOU KNOW	MULTIPLY BY	TO FIND
INCHES	2.54	CENTIMETERS
FEET	30.480	CENTIMETERS
MILES	1.609	KILOMETERS
CENTIMETERS	0.394	INCHES
METERS	1.094	YARDS
KILOMETERS	0.621	MILES

WEIGHT

WHEN YOU KNOW	MULTIPLY BY	TO FIND
POUNDS	0.454	KILOGRAMS
TONS	0.907	METRIC TONS
KILOGRAMS	2.205	POUNDS
METRIC TONS	1.202	TONS

TEMPERATURE

WHEN YOU KNOW	DO THIS	TO FIND
°FAHRENHEIT	°C=(°F-32) x 5/9	°CELSIUS
°CELSIUS	°F=(°C x 9/5)+32	°FAHRENHEIT

SURFACE OF AREA

WHEN YOU KNOW	MULTIPLY BY	TO FIND
SQ. FEET	0.454	SQ. METERS
SQ. MILES	0.907	SQ. KILOMETERS
SQ. CENTIMETERS	2.205	SQ. INCHES

DECIMAL EQUIVALENTS

FRACTION	DECIMAL
1/64	0.015625
1/16	0.0625
1/8	0.125
3/16	0.1875
1/4	0.25
5/16	0.3125
3/8	0.375
7/16	0.4375
1/2	0.5
9/16	0.5625
5/8	0.625
11/16	0.6875
3/4	0.75
13/16	0.8125
7/8	0.875
15/16	0.9375