

CONVERSION CHART

INCHES TO MILLIMETERS CONVERSION CHART

Fraction (inches)	Decimal (inches)	mm
1/64	.0156	.0396
1/32	.0312	.0792
1/16	.0625	1.587
1/8	.1250	3.175
3/16	.1875	4.762
1/4	.2500	6.350
5/16	.3125	7.937
3/8	.3750	9.525
7/16	.4375	11.112
5/8	.6250	15.875
11/16	.6875	17.462
3/4	.7500	19.050
13/16	.8125	20.637
7/8	.8750	22.225
15/16	.9375	23.812

HOW TO CONVERT TO AND FROM METRIC

Length and Distance

When you know	Multiply by	To find
inches	2.54	cm
feet	30.48	meters
miles	1.609	km
cm	0.394	inches
meters	1.094	feet
km	0.621	miles

Weight

When you know	Multiply by	To find
pounds	0.454	kg
tons	0.907	metric tons
kg	2.205	pounds
metric tons	1.202	tons

PAPER CONVERSION CHART

gsm (grams per square meter) → **lb** (pounds) / caliper point

Uncoated "Woodfree" Offset

70 gsm	→	50 lb
80 gsm	→	54 lb
70 gsm	→	60 lb
80 gsm	→	68 lb
70 gsm	→	70 lb
80 gsm	→	90 lb
(commonly used for endsheets)		
150 gsm	→	100 lb

Gloss or Matte Text Paper

90 gsm	→	60 lb
100 gsm	→	70 lb
115 gsm	→	78 lb
(commonly used for text)		
130/135 gsm	→	90 lb
(commonly used for text)		
150 gsm	→	100 lb
(commonly used for text)		
170 gsm	→	120 lb

CIS

200 gsm	→	8 pt
220 gsm	→	10 pt
240 gsm	→	12 pt
278 gsm	→	14 pt
334 gsm	→	18 pt
414 gsm	→	24 pt

C2S

210 gsm	→	8 pt
250 gsm	→	10 pt
260 gsm	→	12 pt
310 gsm	→	13.66 pt
380 gsm	→	18 pt
420 gsm	→	21.24 pt

Text paper conversion formula

lbs x 1.5 = gsm

(i.e., 80 lbs x 1.5 = 120 gsm)

Chipboard

2.4 mm → 80 lb → 30 oz (for books up to 128 pp)

3.0 mm → 98 lb → 40 oz (for books over 128 pp)