

Conversion Factors

Here we present two tables of the conversion factors for customary and SI units related to paper products.

Length:

1 meter	1.094 yards
1 centimetre	0.394 inches
1 millimetre	0.039 inches
1 yard	0.914 meters
1 inch	2.54 centimetres

Weight:

1 metric ton	0.984 long tons 1.102 short tons
1 kilogram	2.306 pounds 35.274 ounces
1 gram	0.035 ounces
1 pound	453.6 grams
1 ounce	28.35 grams

Surface:

1 square meter	1.196 square yards 10.764 square feet 1550 square inches
1 square centimetre	0.155 square inches
1 square millimetre	0.002 square inches
1 acre	0.4046 hectare
1 square yard	0.836 square meters
1 square foot	929 square centimetres 0.0929 square meters
1 square inch	6.452 square centimetres

Conversion factors

Here we present two tables of the conversion factors for customary and SI units related to paper products

CUSTOMARY UNITS TO SI UNITS:

QUANTITY	OTHER UNITS	MULTIPLY BY	FOR SI UNIT
Grammage (mass on ream basis)	Pounds per ream (lb/ream) per 3000 square feet (lb/3000 ft ²)	1.6275	Grams per square meter (g/m ²)
Grammage (mass on ream basis)	Pounds per ream (lb/ream) per 3000 square feet (lb/3000 ft ²)	1.6275	Grams per square meter (g/m ²)
Grammage (mass in grams per square meter)	Pounds per 1000 square feet (lb/1000 ft ²)	4.8824	Grams per square meter (g/m ²)
Thickness	Millimetres (mm)	1000	Micrometers (μm)
	Mils (or points or thousandths of an inch)	25.4	
Apparent density	Kilograms per cubic centimetre (g/cm ³)	1000	Kilograms per square meter (kg/m ²)
	Pounds per cubic foot (lb/ft ³)	16.01846	
Tensile strength	Kilograms-force per 15 millimetre width (kgf/15 mm)	0.65378	Kilonewtons per meter (kN/m)
	Pounds-force per inch (lbf/in)	0.175127	
Tensile index (replaced breaking length)	Kilometres breaking length (Km)	9.80665	Newtonmeters per gram (N m/g)
Tensile energy absorption (TEA)	Kilograms-force meters per square meter (Kgf m/m ²)	9.80665	Joules per square meter (J/m ²)
	Foot pinds-force per square foot (ft lbf/ft ²)	14.5939	
Tearing strength	Grams-force (gf)	9.80665	Millinewtons (mN)
Tear index (replaced tear factor)	Computed as 100 grams-force per gram per square meter (100 gf(g/m ²))	0.0980665	Millinewtons sq. meters per gram (mN m ² /g)
Bursting strength	Kilograms-force per square centimetre (kgf/cm ²)	98.0665	Kilopascals (kPa)
	Pounds-force per square inch - psi (lbf/in ²)	6.89476	

Burst index (replaced burst factor) Z-direction strength properties (unit as appropriate)	computed as grams-force per square centimetre per gram per square meter ((gf/cm ² / (g/m ²))	0.0980665	Kilopascals sq. meters per gram (kPa m ² /g)
	Kilograms-force per square centimetre (kgf/cm ²)	98.0665	Kilopascals (kPa)
	Pounds-force per square inch (lbf/in ²)	6.89476	Kilopascals (kPa)
	Foot pounds-force per square inch (ft lbf/in ²)	2101.5	Joules per square meter (J/m ²)
Concora Medium Test (CMT)	Kilograms-force (kgf)	9.80665	Newtons (N)
	Pounds-force (lbf)	4.44822	
Ring Crush Test (RCT)	Kilograms-force per centimetre (kgf/cm)	0.980665	Kilonewtons per meter (kN/m)
	Pounds-force (for a 6-inch length) (lbf/6 in)	0.02919	
Edgewise compressive strength (ECT)	Pounds-force per inch (lbf/in)	0.175127	Kilonewtons per meter (kN/m)
Flat crush resistance of corrugated board (FCT)	Kilograms-force per square centimetre (kgf/cm ²)	98.0665	Kilopascals (kPa)
Flat crush resistance of corrugated board (FCT)	Pounds-force per square inch (lbf/in ²)	6.89476	Kilopascals (kPa)

[Venkraft Paper Mills Pvt Ltd., Unit – 1](#)

Kraft Unit – Factory Address: 10th K.M., Kelamangalam Road, Aggondapalli Village, Hosur-635110, Tamil Nadu, India.

Domestic Marketing Contacts: Email: marketing1@venkraft.com, Marketing Head (+ 91 9442229773), Tamil Nadu Coordinator (+91 7867004081).
Karnataka Coordinator (+91 9600772211).

[Venkraft Paper Mills Pvt Ltd., Unit – 2](#)

Duplex Unit – Factory Address: 12th K.M., NH-7, Gopasandaram village, Kamandoddi (p.o.), Shoalagiri Union, Hosur-635109, Tamil Nadu, India.

Domestic Marketing Contacts: Email: marketing2@venkraft.com, Marketing Head (+ 91 9629606060), Tamil Nadu Coordinator (+91 8220005701, +91 8220788644, +91 7867008821).
Karnataka Coordinator (+91 7867008841, +91 8220005706, +91 7867013684, +91 7867013685).
Kerala Coordinator (+ 91 8220005706).
AP Coordinator (+91 9943332474).
Dispatch department (+91 7867008825).

Export Marketing Contacts: Email: exports@venkraft.com, Export Coordinator (+ 91 8220005701).

www.venkraft.com