

MAPLEX C

Maplex C is highly formable, medium-density board with moderate dimensional stability. It is ideal for making contoured shapes. This product has a softer appearance than other Maplex grades. Made of 100 % cellulose fibers and water.

KEY PROPERTIES

- High quality fibers deliver combination of mechanical strength and flexibility
- Highly shapeable pressboard maintaining the integrity of the outer and inner curve
- Minimal risk of breaking, wrinkling, creping or fiber separation
- Biodegradable and recyclable

KEY FEATURES & BENEFITS

- Zero VOC pressboard
- Calendered low-density, highly formable 100% biobased pressboard
- Produced with unbleached softwood cellulose and water
- Light natural kraft colour

APPLICATIONS

- Suitable for applications which require tightly curved and/or rounded shapes
- Interior decorative paneling
- Clothing hangers
- Collapsible recyclable storage bins

SHEET SIZES

METRIC (MM)			IMPERIAL (INCHES)		
THICKNESS	TOLERANCES (%)	WIDTH X LENGTH	THICKNESS	TOLERANCES (%)	WIDTH X LENGTH
1-1.5	± 3 - 5	3810 x 6600 1245 x 1650	0.039 - 0.059	± 3 - 5	150 x 260 49 x 65
≥1.6		3810 x 6600 1220 x 1575	≥0.063		150 x 260 48 x 62

Master sheet size is able to accommodate variety of custom sizes so please contact us if your projects requires customized sheet sizes.



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TECHNICAL DATA

GRADE			MAPLEX C
PROPERTIES	STANDARD	UOM	TYPICAL VALUES
THICKNESS RANGE		mm	1.3-2.3
APPARENT DENSITY	ISO 534	g/cm ³	1.05
MOISTURE	ISO 287	%	4.9
TENSILE STRENGTH MD	ISO 1924-2	MPa	82.5
TENSILE STRENGTH CMD	ISO 1924-2	MPa	48.2
TENSILE ELONGATION MD	ISO 1924-2	%	10
TENSILE ELONGATION CMD	ISO 1924-2	%	13
MODULUS OF ELASTICITY IN TENSION MD	ISO 1924-2	GPa	2.4
MODULUS OF ELASTICITY IN TENSION CMD	ISO 1924-2	GPa	1.4

The technical data reported here are typical results for routine tests made in the Weidmann Laboratory. If not specified, the values are typical for 3mm material. Additional specific data is available on request. MD - Machine Direction / CMD - Cross Machine Direction. Maplex custom thicknesses can be manufactured in any dimension ranging from 1.00mm to 8.00mm. Please contact Customer Services for more information.