

MDF

Specifications



	STANDARD MDF	ULTRA LIGHT MDF
SPECIES	Pine	Hardwood & Softwood
CORE	Pine	Hardwood & Softwood
SIZE	49" x 97", 49" x 121"	49"x97", 49"x121", 61"x145"
GLUE TYPE	Interior, TSCA Title VI	Interior, TSCA Title VI
APPLICATIONS	Cabinets, furniture, drawer and furniture bottoms, shelving, interior doors and door frames, mouldings and trim, decorative and craft projects	Cabinets, furniture, drawer and furniture bottoms, shelving, interior doors and door frames, mouldings and trim, decorative and craft projects



STANDARD MDF	METRIC	3MM	5.2MM	5.5MM	1/4"	3/8"	1/2"	5/8"	3/4"
SHEETS PER CRATE (MAY VARY)		264	162	156	138	96	72	42	46
THICKNESS VARIATION	mm	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125
DENSITY	kg/m ³	700-890	700-890	700-890	700-890	700-890	650-780	650-780	630-710
INTERNAL BOND (IB)	N/mm ²	≥ 1.58	≥ 1.58	≥ 1.58	≥ 1.58	≥ 1.58	≥ 0.7	≥ 0.7	≥ 0.6
BENDING STRENGTH (MOR)	N/mm ²	≥ 52.69	≥ 52.69	≥ 52.69	≥ 52.69	≥ 52.69	≥ 35	≥ 35	≥ 34
MODULUS OF ELASTICITY (MOE)	N/mm ²	N/A	N/A	N/A	N/A	N/A	≥ 3020	≥ 3020	≥ 3015
THICKNESS SWELLING		≤ 1.17mm	≤ 1.17mm	≤ 1.17mm	≤ 1.17mm	≤ 1.17mm	≤ 1.40mm	≤ 1.40mm	≤ 7.1%
MOISTURE CONTENT	%	5.8	5.8	5.8	5.8	5.8	5.5	5.5	5.9
SCREW HOLDING (FACE)	N	N/A	N/A	N/A	N/A	N/A	1235	1235	1150
SCREW HOLDING (EDGE)	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	930
LENGTH/WIDTH TOLERANCES	mm	± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2

Based on availability, USply reserves the right to substitute product that may vary in species, core, country of origin, and/or other specifications.

MDF

Specifications



ULTRA LIGHT MDF	METRIC	12MM	15MM	18MM	25MM
SHEETS PER CRATE (MAY VARY)		78	58	49	35
THICKNESS VARIATION	mm	± 0.2	± 0.2	± 0.2	± 0.3
DENSITY	kg/km ³	530 (± 30)	530 (± 30)	530 (± 30)	530 (± 30)
INTERNAL BOND (IB)	N/mm ²	0.35	0.35	0.35	0.35
BENDING STRENGTH (MOR)	N/mm ²	18	16	16	14
MODULUS OF ELASTICITY (MOE)	N/mm ²	1400	1300	1300	1200
THICKNESS SWELLING	%	18	14	14	13
MOISTURE CONTENT	%	6 (± 2)	6 (± 2)	6 (± 2)	6 (± 2)
SANDING GRIT	Grit	150	150	150	150
LENGTH/WIDTH TOLERANCES	mm/m	± 2 mm/m (max of ± 5mm)	± 2 mm/m (max of ± 5mm)	± 2 mm/m (max of ± 5mm)	± 2 mm/m (max of ± 5mm)



Based on availability, USply reserves the right to substitute product that may vary in species, core, country of origin, and/or other specifications.