

# MDF

## Specifications



	STANDARD MDF	ULTRA LIGHT MDF
<b>SPECIES</b>	Pine	Hardwood & Softwood
<b>CORE</b>	Pine	Hardwood & Softwood
<b>SIZE</b>	49" x 97", 49" x 121"	49" x 97", 49" x 121"
<b>GLUE TYPE</b>	Interior, TSCA Title VI	Interior, TSCA Title VI
<b>APPLICATIONS</b>	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"
<b>SHEETS PER CRATE</b> (MAY VARY)		264	162	156	138	96	72	42	46
<b>THICKNESS VARIATION</b>	mm	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125	± 0.125
<b>DENSITY</b>	kg/m <sup>3</sup>	700-890	700-890	700-890	700-890	700-890	650-780	650-780	630-710
<b>INTERNAL BOND (IB)</b>	N/mm <sup>2</sup>	≥ 1.58	≥ 1.58	≥ 1.58	≥ 1.58	≥ 1.58	≥ 0.7	≥ 0.7	≥ 0.6
<b>BENDING STRENGTH (MOR)</b>	N/mm <sup>2</sup>	≥ 52.69	≥ 52.69	≥ 52.69	≥ 52.69	≥ 52.69	≥ 35	≥ 35	≥ 34
<b>MODULUS OF ELASTICITY (MOE)</b>	N/mm <sup>2</sup>	N/A	N/A	N/A	N/A	N/A	≥ 3020	≥ 3020	≥ 3015
<b>THICKNESS SWELLING</b>		≤ 1.17mm	≤ 1.17mm	≤ 1.17mm	≤ 1.17mm	≤ 1.17mm	≤ 1.40mm	≤ 1.40mm	≤ 7.1%
<b>MOISTURE CONTENT</b>	%	5.8	5.8	5.8	5.8	5.8	5.5	5.5	5.9
<b>SCREW HOLDING (FACE)</b>	N	N/A	N/A	N/A	N/A	N/A	1235	1235	1150
<b>SCREW HOLDING (EDGE)</b>	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	930
<b>LENGTH/WIDTH TOLERANCES</b>	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.

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



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