

Weight of Work Pieces

Chip Board: density 46 lbs/ft³

Format	THICKNESS										
	1/4 in.	3/8 in.	1/2 in.	5/8 in.	3/4 in.	7/8 in.	1 in.	1 1/8 in.	1 1/4 in.	1 1/2 in.	2 in.
4 x 4 feet	15 lbs.	23 lbs.	31 lbs.	38 lbs.	46 lbs.	54 lbs.	61 lbs.	69 lbs.	77 lbs.	92 lbs.	123 lbs.
4 x 8 feet	31 lbs.	46 lbs.	61 lbs.	77 lbs.	92 lbs.	107 lbs.	123 lbs.	138 lbs.	153 lbs.	184 lbs.	245 lbs.
4 x 10 feet	38 lbs.	58 lbs.	77 lbs.	96 lbs.	115 lbs.	134 lbs.	153 lbs.	173 lbs.	192 lbs.	230 lbs.	307 lbs.
4 x 12 feet	55 lbs.	69 lbs.	92 lbs.	115 lbs.	138 lbs.	161 lbs.	184 lbs.	207 lbs.	230 lbs.	276 lbs.	368 lbs.
5 x 8 feet	38 lbs.	58 lbs.	77 lbs.	96 lbs.	115 lbs.	134 lbs.	153 lbs.	173 lbs.	192 lbs.	230 lbs.	307 lbs.
5 x 10 feet	48 lbs.	72 lbs.	96 lbs.	120 lbs.	144 lbs.	168 lbs.	192 lbs.	216 lbs.	240 lbs.	288 lbs.	383 lbs.
5 x 12 feet	58 lbs.	86 lbs.	115 lbs.	144 lbs.	173 lbs.	201 lbs.	230 lbs.	259 lbs.	288 lbs.	345 lbs.	460 lbs.
5 x 16 feet	77 lbs.	115 lbs.	153 lbs.	192 lbs.	230 lbs.	268 lbs.	307 lbs.	345 lbs.	383 lbs.	460 lbs.	613 lbs.
6 x 12 feet	69 lbs.	104 lbs.	138 lbs.	173 lbs.	207 lbs.	242 lbs.	276 lbs.	311 lbs.	345 lbs.	414 lbs.	552 lbs.
6 x 16 feet	92 lbs.	138 lbs.	184 lbs.	230 lbs.	276 lbs.	322 lbs.	368 lbs.	414 lbs.	460 lbs.	552 lbs.	736 lbs.

MDF Board: density 55 lbs/ft³

Format	THICKNESS										
	1/4 in.	3/8 in.	1/2 in.	5/8 in.	3/4 in.	7/8 in.	1 in.	1 1/8 in.	1 1/4 in.	1 1/2 in.	2 in.
4 x 4 feet	18 lbs.	28 lbs.	37 lbs.	46 lbs.	55 lbs.	64 lbs.	73 lbs.	83 lbs.	92 lbs.	110 lbs.	147 lbs.
4 x 8 feet	37 lbs.	55 lbs.	73 lbs.	92 lbs.	110 lbs.	128 lbs.	147 lbs.	165 lbs.	183 lbs.	220 lbs.	293 lbs.
4 x 10 feet	46 lbs.	69 lbs.	92 lbs.	115 lbs.	138 lbs.	160 lbs.	183 lbs.	206 lbs.	229 lbs.	275 lbs.	367 lbs.
4 x 12 feet	55 lbs.	83 lbs.	110 lbs.	138 lbs.	165 lbs.	193 lbs.	220 lbs.	248 lbs.	275 lbs.	330 lbs.	440 lbs.
5 x 8 feet	46 lbs.	69 lbs.	92 lbs.	115 lbs.	138 lbs.	160 lbs.	183 lbs.	206 lbs.	229 lbs.	275 lbs.	367 lbs.
5 x 10 feet	57 lbs.	86 lbs.	115 lbs.	143 lbs.	172 lbs.	201 lbs.	229 lbs.	258 lbs.	286 lbs.	344 lbs.	458 lbs.
5 x 12 feet	69 lbs.	103 lbs.	138 lbs.	172 lbs.	206 lbs.	241 lbs.	275 lbs.	309 lbs.	344 lbs.	413 lbs.	550 lbs.
5 x 16 feet	92 lbs.	138 lbs.	183 lbs.	229 lbs.	275 lbs.	321 lbs.	367 lbs.	413 lbs.	458 lbs.	550 lbs.	733 lbs.
6 x 12 feet	83 lbs.	124 lbs.	165 lbs.	206 lbs.	248 lbs.	289 lbs.	330 lbs.	371 lbs.	413 lbs.	495 lbs.	660 lbs.
6 x 16 feet	110 lbs.	165 lbs.	220 lbs.	275 lbs.	330 lbs.	385 lbs.	440 lbs.	495 lbs.	550 lbs.	660 lbs.	880 lbs.

Solid Wood

	DENSITY
Maple	46 lbs/ft ³
Birch	40 lbs/ft ³
Beech	45 lbs/ft ³
Oak	53 lbs/ft ³
Alder	34 lbs/ft ³
Ash	46 lbs/ft ³
Spruce	28 lbs/ft ³
Pine	46 lbs/ft ³
Larche	46 lbs/ft ³
Poplar	31 lbs/ft ³
Teak	38 lbs/ft ³

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Plywood	Density: 37 lbs/ft ³ to 50 lbs/ft ³	Plexiglas	Density: 75 lbs/ft ³
Wood Core Plywood	Density: 32 lbs/ft ³ to 40 lbs/ft ³	Concrete	Density: 145 lbs/ft ³
Glass	Density: 150 lbs/ft ³	Natural Stone	Density: 140 lbs/ft ³ to 175 lbs/ft ³
Gypsum Fibre	Density: 70 lbs/ft ³ to 80 lbs/ft ³	Clay	Density: 110 lbs/ft ³ to 130 lbs/ft ³
Gypsum	Density: 145 lbs/ft ³	Paper	Density: 45 lbs/ft ³ to 70 lbs/ft ³

Caution: These weights are only intended as a guide line and are, to the best of our knowledge, accurate; however, we recommend that you verify actual weights of your material that is provided by your supplier because manufacturing methods may cause variations in weight.