

Weight of Work Pieces

Chip Board. deliaity 40 lbant										
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.
15 lbs.	23 lbs.	31 lbs.	38 lbs.	46 lbs.	54 lbs.	61 lbs.	69 lbs.	77 lbs.	92 lbs.	123 lbs.
31 lbs.	46 lbs.	61 lbs.	77 lbs.	92 lbs.	107 lbs.	123 lbs.	138 lbs.	153 lbs.	184 lbs.	245 lbs.
38 lbs.	58 lbs.	77 lbs.	96 lbs.	115 lbs.	134 lbs.	153 lbs.	173 lbs.	192 lbs.	230 lbs.	307 lbs.
55 lbs.	69 lbs.	92 lbs.	115 lbs.	138 lbs.	161 lbs.	184 lbs.	207 lbs.	230 lbs.	276 lbs.	368 lbs.
38 lbs.	58 lbs.	77 lbs.	96 lbs.	115 lbs.	134 lbs.	153 lbs.	173 lbs.	192 lbs.	230 lbs.	307 lbs.
48 lbs.	72 lbs.	96 lbs.	120 lbs.	144 lbs.	168 lbs.	192 lbs.	216 lbs.	240 lbs.	288 lbs.	383 lbs.
58 lbs.	86 lbs.	115 lbs.	144 lbs.	173 lbs.	201 lbs.	230 lbs.	259 lbs.	288 lbs.	345 lbs.	460 lbs.
77 lbs.	115 lbs.	153 lbs.	192 lbs.	230 lbs.	268 lbs.	307 lbs.	345 lbs.	383 lbs.	460 lbs.	613 lbs.
69 lbs.	104 lbs.	138 lbs.	173 lbs.	207 lbs.	242 lbs.	276 lbs.	311 lbs.	345 lbs.	414 lbs.	552 lbs.
92 lbs.	138 lbs.	184 lbs.	230 lbs.	276 lbs.	322 lbs.	368 lbs.	414 lbs.	460 lbs.	552 lbs.	738 lbs.
	1/2 fn. 15 lbs. 31 lbs. 38 lbs. 55 lbs. 38 lbs. 48 lbs. 58 lbs. 77 lbs. 69 lbs.	1/4 in. 3/8 in. 15 lbs. 23 lbs. 31 lbs. 46 lbs. 38 lbs. 58 lbs. 55 lbs. 69 lbs. 38 lbs. 58 lbs. 48 lbs. 72 lbs. 58 lbs. 86 lbs. 77 lbs. 115 lbs. 69 lbs. 104 lbs.	1/4 in. 3/8 in. 1/2 in. 15 lbs. 23 lbs. 31 lbs. 31 lbs. 46 lbs. 61 lbs. 38 lbs. 58 lbs. 77 lbs. 55 lbs. 69 lbs. 92 lbs. 38 lbs. 58 lbs. 77 lbs. 48 lbs. 72 lbs. 96 lbs. 58 lbs. 88 lbs. 115 lbs. 77 lbs. 115 lbs. 153 lbs. 69 lbs. 104 lbs. 138 lbs.	1/4 in. 3/8 in. 1/2 in. 5/8 in. 15 lbs. 23 lbs. 31 lbs. 38 lbs. 31 lbs. 46 lbs. 61 lbs. 77 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 55 lbs. 69 lbs. 92 lbs. 115 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 48 lbs. 72 lbs. 96 lbs. 120 lbs. 58 lbs. 86 lbs. 115 lbs. 144 lbs. 77 lbs. 115 lbs. 153 lbs. 192 lbs. 69 lbs. 104 lbs. 138 lbs. 173 lbs.	1/4 in. 3/8 in. 1/2 in. 5/8 in. 3/4 in. 15 lbs. 23 lbs. 31 lbs. 38 lbs. 46 lbs. 31 lbs. 46 lbs. 61 lbs. 77 lbs. 92 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 55 lbs. 69 lbs. 92 lbs. 115 lbs. 138 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 138 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 158 lbs. 72 lbs. 98 lbs. 120 lbs. 144 lbs. 58 lbs. 86 lbs. 115 lbs. 144 lbs. 173 lbs. 77 lbs. 115 lbs. 153 lbs. 192 lbs. 230 lbs. 69 lbs. 104 lbs. 138 lbs. 173 lbs. 207 lbs.	1/4 in. 3/8 in. 1/2 in. 5/8 in. 3/4 in. 7/8 in. 15 lbs. 23 lbs. 31 lbs. 38 lbs. 46 lbs. 54 lbs. 31 lbs. 46 lbs. 61 lbs. 77 lbs. 92 lbs. 107 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 55 lbs. 69 lbs. 92 lbs. 115 lbs. 138 lbs. 161 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 48 lbs. 72 lbs. 96 lbs. 120 lbs. 115 lbs. 134 lbs. 58 lbs. 72 lbs. 96 lbs. 120 lbs. 144 lbs. 168 lbs. 58 lbs. 86 lbs. 115 lbs. 144 lbs. 173 lbs. 201 lbs. 77 lbs. 115 lbs. 153 lbs. 192 lbs. 230 lbs. 268 lbs. 69 lbs. 104 lbs. 138 lbs. 173 lbs. 207 lbs. 242 lbs.	1/4 in. 3/8 in. 1/2 in. 5/8 in. 1/8 in. 7/8 in. 1 in. 15 lbs. 23 lbs. 31 lbs. 38 lbs. 46 lbs. 54 lbs. 61 lbs. 31 lbs. 46 lbs. 61 lbs. 77 lbs. 92 lbs. 107 lbs. 123 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 153 lbs. 55 lbs. 69 lbs. 92 lbs. 115 lbs. 138 lbs. 161 lbs. 184 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 153 lbs. 48 lbs. 72 lbs. 96 lbs. 120 lbs. 144 lbs. 168 lbs. 192 lbs. 58 lbs. 88 lbs. 115 lbs. 144 lbs. 173 lbs. 201 lbs. 230 lbs. 77 lbs. 115 lbs. 153 lbs. 192 lbs. 230 lbs. 268 lbs. 307 lbs. 69 lbs. 104 lbs. 138 lbs. 173 lbs. 207 lbs. 242 lbs. 276 lbs.	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. 15 lbs. 23 lbs. 31 lbs. 38 lbs. 46 lbs. 54 lbs. 61 lbs. 69 lbs. 31 lbs. 46 lbs. 61 lbs. 77 lbs. 92 lbs. 107 lbs. 123 lbs. 138 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 153 lbs. 173 lbs. 55 lbs. 69 lbs. 92 lbs. 115 lbs. 138 lbs. 161 lbs. 184 lbs. 207 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 153 lbs. 173 lbs. 48 lbs. 72 lbs. 96 lbs. 120 lbs. 144 lbs. 168 lbs. 192 lbs. 216 lbs. 58 lbs. 86 lbs. 115 lbs. 144 lbs. 173 lbs. 201 lbs. 230 lbs. 259 lbs. 77 lbs. 115 lbs. 153 lbs. 192 lbs. 230 lbs. 268 lbs. 307 lbs. 345 l	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. 15 lbs. 23 lbs. 31 lbs. 38 lbs. 48 lbs. 54 lbs. 61 lbs. 69 lbs. 77 lbs. 31 lbs. 46 lbs. 61 lbs. 77 lbs. 92 lbs. 107 lbs. 123 lbs. 138 lbs. 153 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 153 lbs. 173 lbs. 192 lbs. 55 lbs. 69 lbs. 92 lbs. 115 lbs. 134 lbs. 153 lbs. 207 lbs. 230 lbs. 38 lbs. 72 lbs. 96 lbs. 120 lbs. 144 lbs. 168 lbs. 192 lbs. 216 lbs. 240 lbs. 58 lbs. 86 lbs. 115 lbs. 144 lbs. 168 lbs. 192 lbs. 259 lbs. 288 lbs. 77 lbs. 153 lbs. 192 lbs. 230 lbs. 259 lbs. 288 lbs. 77 lbs. 153 lbs. 192 lbs. 230 lbs. 25	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. 15 lbs. 23 lbs. 31 lbs. 38 lbs. 46 lbs. 61 lbs. 69 lbs. 77 lbs. 92 lbs. 31 lbs. 46 lbs. 61 lbs. 77 lbs. 92 lbs. 107 lbs. 123 lbs. 138 lbs. 153 lbs. 184 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 153 lbs. 192 lbs. 230 lbs. 55 lbs. 69 lbs. 92 lbs. 115 lbs. 138 lbs. 161 lbs. 207 lbs. 230 lbs. 230 lbs. 38 lbs. 58 lbs. 77 lbs. 96 lbs. 115 lbs. 134 lbs. 153 lbs. 173 lbs. 192 lbs. 230 lbs. 38 lbs. 72 lbs. 96 lbs. 120 lbs. 144 lbs. 168 lbs. 192 lbs. 216 lbs. 240 lbs. 288 lbs. 58 lbs. 86 lbs. 115 lbs. 144 lbs. 173 lbs.

MDF Board: density 55 lbs/ft³											
					THICKNESS						
Format	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.	208 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/ft³
Birch	40 lbs/ft ³
Beech	45 lbs/ft3
Oak	53 lbs/ft³
Alder	34 lbs/ft³
Ash	46 lbs/ft³
Spruce	28 lbs/ft³
Pine	46 lbs/ft³
Larche	46 lbs/ft³
Poplar	31 lbs/ft³
Teak	38 lbs/ft³

For a complete quotation on an industry leading Vacuum Lift System contact us at:

dvantage olutions, Inc.

28081 - 220th Street, Wabasso, MN 56293
Office: 651.760.4355 Fax: 651.760.4305
Email: MikeT@AdvantageSolutionsOnline.com
www.AdvantageSolutionsOnline.com

Plywood	Density: 37 lbs/ft³ to 50 lbs/ft³	Plexiglas	Density: 75 lbs/ft³
Wood Core Plywood	Density: 32 lbs/ft³ to 40 lbs/ft³	Concrete	Density: 145 lbs/ft³
Glass	Density: 150 lbs/ft³	Natural Stone	Density: 140 lbs/ft³ to 175 lbs/ft³
Gypsum Fibre	Density: 70 lbs/ft³ to 80 lbs/ft³	Clay	Density: 110 lbs/ft³ to 130 lbs/ft³
Gypsum	Density: 145 lbs/ft³	Paper	Density: 45 lbs/ft³ to 70 lbs/ft³

<u>Caution:</u> 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 <u>your</u> material material that is provided by <u>your</u> supplier because manufacturing methods may cause variations in weight.