

Grade Density (lb/cu.ft)	Ultra light		Very Light		Light		Medium		Med. hard		Hard		Extra hard
	4	5	6	7	8	9	10	11	12	13	14	15	16
Size													
1/32" x 3" x 36"	3.5	4.4	5.3	6.2	7.1	8.0	8.9	9.7	10.6	11.5	12.4	13.3	14.2
1/16" x 3" x 36"	7.1	8.9	10.6	12.4	14.2	15.9	17.7	19.5	21.3	23.0	24.8	26.6	28.4
3/32" x 3" x 36"	10.6	13.3	15.9	18.6	21.3	23.9	26.6	29.2	31.9	34.6	37.2	39.9	42.5
1/8" x 3" x 36"	14.2	17.7	21.3	24.8	28.4	31.9	35.4	39.0	42.5	46.1	49.6	53.2	56.7
3/16" x 3" x 36"	21.3	26.6	31.9	37.2	42.5	47.8	53.2	58.5	63.8	69.1	74.4	79.7	85.1
1/4" x 3" x 36"	28.4	35.4	42.5	49.6	56.7	63.8	70.9	78.0	85.1	92.1	99.2	106.3	113.4
3/8" x 3" x 36"	42.5	53.2	63.8	74.4	85.1	95.7	106.3	116.9	127.6	138.2	148.8	159.5	170.1
1/2" x 3" x 36"	56.7	70.9	85.1	99.2	113.4	127.6	141.8	155.9	170.1	184.3	198.5	212.6	226.8
1/32" x 4" x 36"	4.7	5.9	7.1	8.3	9.5	10.6	11.8	13.0	14.2	15.4	16.5	17.7	18.9
1/16" x 4" x 36"	9.5	11.8	14.2	16.5	18.9	21.3	23.6	26.0	28.4	30.7	33.1	35.4	37.8
3/32" x 4" x 36"	14.2	17.7	21.3	24.8	28.4	31.9	35.4	39.0	42.5	46.1	49.6	53.2	56.7
1/8" x 4" x 36"	18.9	23.6	28.4	33.1	37.8	42.5	47.3	52.0	56.7	61.4	66.2	70.9	75.6
3/16" x 4" x 36"	28.4	35.4	42.5	49.6	56.7	63.8	70.9	78.0	85.1	92.1	99.2	106.3	113.4
1/4" x 4" x 36"	37.8	47.3	56.7	66.2	75.6	85.1	94.5	104.0	113.4	122.9	132.3	141.8	151.2
3/8" x 4" x 36"	56.7	70.9	85.1	99.2	113.4	127.6	141.8	155.9	170.1	184.3	198.5	212.6	226.8
1/2" x 4" x 36"	75.6	94.5	113.4	132.3	151.2	170.1	189.0	207.9	226.8	245.7	264.6	283.5	302.4
1/32" x 3" x 48"	4.7	5.9	7.1	8.3	9.5	10.6	11.8	13.0	14.2	15.4	16.5	17.7	18.9
1/16" x 3" x 48"	9.5	11.8	14.2	16.5	18.9	21.3	23.6	26.0	28.4	30.7	33.1	35.4	37.8
3/32" x 3" x 48"	14.2	17.7	21.3	24.8	28.4	31.9	35.4	39.0	42.5	46.1	49.6	53.2	56.7
1/8" x 3" x 48"	18.9	23.6	28.4	33.1	37.8	42.5	47.3	52.0	56.7	61.4	66.2	70.9	75.6
3/16" x 3" x 48"	28.4	35.4	42.5	49.6	56.7	63.8	70.9	78.0	85.1	92.1	99.2	106.3	113.4
1/4" x 3" x 48"	37.8	47.3	56.7	66.2	75.6	85.1	94.5	104.0	113.4	122.9	132.3	141.8	151.2
3/8" x 3" x 48"	56.7	70.9	85.1	99.2	113.4	127.6	141.8	155.9	170.1	184.3	198.5	212.6	226.8
1/2" x 3" x 48"	75.6	94.5	113.4	132.3	151.2	170.1	189.0	207.9	226.8	245.7	264.6	283.5	302.4
1/32" x 4" x 48"	6.3	7.9	9.5	11.0	12.6	14.2	15.8	17.3	18.9	20.5	22.1	23.6	25.2
1/16" x 4" x 48"	12.6	15.8	18.9	22.1	25.2	28.4	31.5	34.7	37.8	41.0	44.1	47.3	50.4
3/32" x 4" x 48"	18.9	23.6	28.4	33.1	37.8	42.5	47.3	52.0	56.7	61.4	66.2	70.9	75.6
1/8" x 4" x 48"	25.2	31.5	37.8	44.1	50.4	56.7	63.0	69.3	75.6	81.9	88.2	94.5	100.8
3/16" x 4" x 48"	37.8	47.3	56.7	66.2	75.6	85.1	94.5	104.0	113.4	122.9	132.3	141.8	151.2
1/4" x 4" x 48"	50.4	63.0	75.6	88.2	100.8	113.4	126.0	138.6	151.2	163.8	176.4	189.0	201.6
3/8" x 4" x 48"	75.6	94.5	113.4	132.3	151.2	170.1	189.0	207.9	226.8	245.7	264.6	283.5	302.4
1/2" x 4" x 48"	100.8	126.0	151.2	176.4	201.6	226.8	252.0	277.2	302.4	327.6	352.8	378.0	403.2