

Thickness Conversion Chart



Updated as of August 5, 2025

Shop Acrylic Sheets:

FRACTION:	INCHES:	ORDERED AS:	MM (0.039 (.0393701)):
1/32	.031	.031	1 MM
1/16	.06	.062	1.5 MM
1/8	.125	.118	3 MM
3/16	.187	.150	3.8 MM
		.177	4.5 MM
1/4	.250	.220	5.5 MM
		.236	6 MM
3/8	.375	.354	9/10 MM
1/2	.500	.472	12 MM
5/8	.625	.625	16 MM
3/4	.750	.708	18 MM
1"	1.000	.944/.984	24/25 MM

For additional assistance:

Need help with a custom quote or not sure which sheet is right for your application? Call us at **800-231-4175** or email sales@acplastics.com—we’re happy to help.

Thickness Tolerances:

0.100" and thicker: +/-10% (typically under 5%)
0.60": +/-15%
0.040" and thinner: +/-35%



Note: Sheet sizes are nominal and may vary slightly due to manufacturer tolerances and saw cuts.

Thickness Conversion Chart



Updated as of August 5, 2025

Shop Polycarbonate Sheets:

FRACTION:	INCHES:	ORDERED AS:	MM:
1/32	.031	.031	1 MM
1/16	.06	.06	1.5 MM
1/8	.125	.118	3 MM
3/16	.150	.150	3.8 MM
	.187	.177	4.5 MM
1/4	.220	.220	5.5 MM
	.250	.236	6 MM
3/8	.375	.375	9.5 MM
1/2	.500	.500	12.7 MM
5/8	.625	.625	15.9 MM
3/4	.750	.750	19.05 MM
1"	1.000	1.00	25.4 MM

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