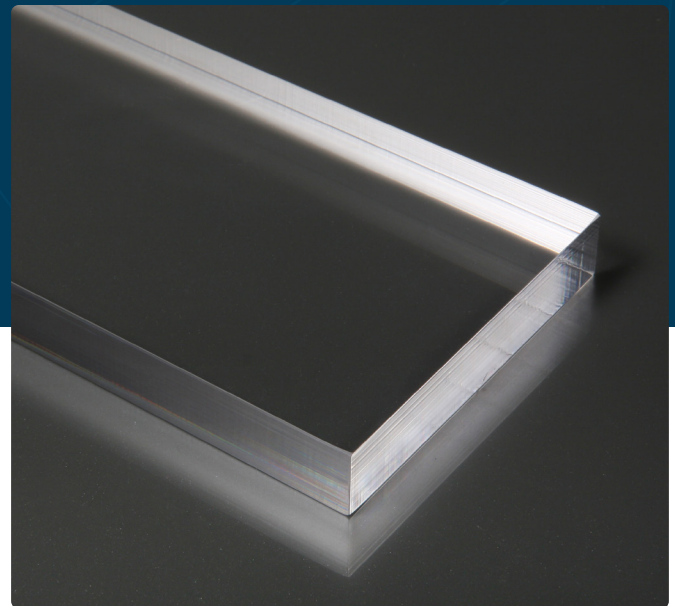




CLEAR CAST ACRYLIC SHEET

MATERIAL SOLUTIONS



Your Plastic Experts

Piedmont Plastics is a wholesale distributor of performance plastics. With more than 50 locations across North America, we supply plastic sheet, rod, tube, and film to a wide range of industries, including signage, industrial, marine, architectural, and fabrication.

Benefits

Clear cast acrylic sheet is widely recognized as one of the most optically transparent plastics available. Its excellent clarity, durability, and fabrication versatility make it a preferred choice for demanding applications.

- 92% light transmission
- Half the weight of glass
- Glass-smooth surface
- Chemical resistance
- Easy to solvent bond
- Dimensional stability
- Strong and stiff
- UV resistance
- Easy to thermoform, machine, and fabricate
- Weatherable
- Shatter-resistant

Common Applications

- Retail POP Displays
- Display Cases & Frames
- Protective Barriers
- Transportation
- Aquariums & Tanks
- Signage & Lettering
- Glazing & Skylights
- Lighting Fixtures
- Furniture & Décor
- Windows

Acrylic Sheet Options & Grades

- UV-Filtering (OP-3)
- Non-Glare (P99)
- Bullet-Resistant
- Abrasion-Resistant
- Frame-Grade (FF3)

	UNITS	ASTM	ACRYLIC SHEET
Tensile strength	psi	D638	10,000
Flexural modulus	psi	D790	475,000
Izod impact (notched)	ft-lbs/in of notch	D256	0.4
Heat deflection temperature @ 264 psi	°F	D648	195
Maximum continuous service temperature in air	°F		160
Water absorption (immersion 24 hours)	%	D570	0.20
Coefficient of linear thermal expansion	in/in/°F x 10 ⁻⁵	D696	4.0
Light transmittance	%	D1003	92



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