

150 Series Extruded Type I PVC Sheet 150 Dark Grey, 152 White, 154 Blue

Property	ASTM* Test Method	Unit	Typical Value
Physical			
Density	D-792	g/cc	1.45
Water Absorption (24 hrs @ 73°F)	D-570	%	0.04
Mechanical			
Tensile Strength	D-638	PSI	7,820
Tensile Modulus	D-638	PSI	469,000
Elongation	D-638	%	150
Izod Impact	D-256	ft. lbs./in.	0.8
Rockwell Hardness	D-785	“R” scale	113
Thermal			
Heat Distortion Temperature	D-648		
at 66 psi	D-648		172
at 264 psi	D-648		162
Vicat Softening Temperature	D-1525		169
Coefficient of Thermal Expansion	D-696		7×10^{-5}
Electrical			
Flammability	D-635 UL		self-extinguishing 94V-0, 94-5V
Volume Resistivity	D-257	ohm-cm	$>6.2 \times 10^{16}$

*American Society of Testing Materials

Fabricator & Specifier Benefits

- Normal Impact
- Excellent chemical/corrosion resistance
- Easily fabricated, welded, & machined
- Showcase quality surface
- Single- or double-side protective masking
- Stress relieved, square, flat sheet
- Accurate to dimensional tolerances
- Color consistent

Application Areas

- Chemical processing
- Semiconductor processing equipment
- Pollution control equipment
- Machined & fabricated parts
- Etching & plating tanks
- Scrubbers, hoods, ducts, and other protective equipment

Standards and Specifications

- ASTM D-1784-81 Type I Grade I Class 12454
- Federal Specification L-P 535e
- UL94V-0,94-5V Flammability rating
- ASTM E 84 Flame Spread Rate 15, Fuel Contribution 0
- Maximum Application Temperature 140°F

Standard Availability

Extruded Sheet Size: 48" x 96"

Gauges: 150 Matte Grey 1/16, 3/32, 1/8, 3/16, 1/4, 3/8, 1/2, 5/8, 3/4, 1"

152 High Shine White (Masked 1 Side) 1/16, 3/32, 1/8, 3/16, 1/4, 3/8, 1/2, 3/4, 1"

154 Blue (1 Side Matte Embossed, 1 Side Smooth) 1/8, 1/4, 1/2, (3/8" special quote)

154 Blue (2 Side Smooth) 1/8, 1/4, 1/2, (3/8" special quote)

Call for custom lengths, colors, masking or special requirements.

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