

**Plexiglas®**

## Plexiglas® Frosted

ACRYLIC SHEET

### **Vivid colors. Endless possibilities.**

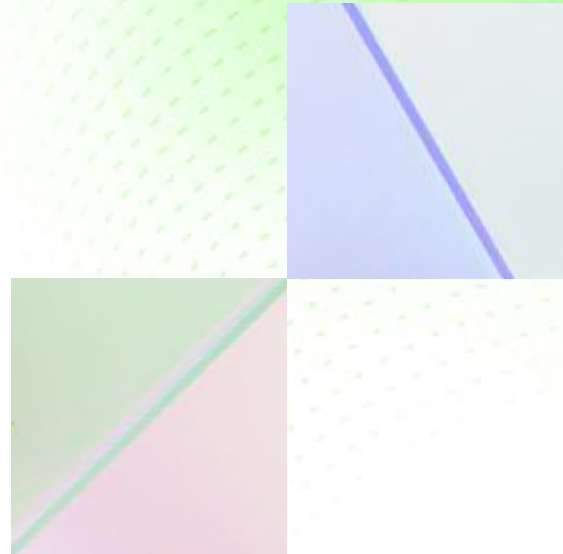
Durable, lightweight and uniquely finished, Plexiglas® Frosted acrylic sheet is an excellent material for backdrops, columns, lighting diffusers, illuminated signage, shelving, tabletops, visual displays and more. The frosted look isn't just on the surface — it's engineered throughout the entire acrylic structure, making it excellent for fabricating, machining, molding and thermoforming.

- **Shatter-resistant and UL listed**
- **Resists fingerprints, scratches and smudges**
- **Easy to clean and virtually maintenance-free**
- **Allows maximum light transmission while diffusing the light**
- **Dramatic, rich effects while hiding light source**
- **Easy to cut, drill, rout, finish and cement**
- **Patented technology – this product is within the scope of one or more claims of US patent 7,067,188**

# Plexiglas® Frosted

ACRYLIC SHEET

Plexiglas® Frosted acrylic sheet scatters light across the surface, creating rich effects and sophisticated shades. And unlike surface embossed textures, it retains its frosted finish even after thermoforming. Easy to clean and virtually maintenance-free, Plexiglas® Frosted acrylic sheet produces dramatic lighting for irresistible point-of-purchase displays.



## STANDARD COLOR OFFERING

COLORLESS		
WHITE TRANSLUCENT	W 3172	
LIGHT GRAY	3160	
LIGHT BRONZE	3161	
LIGHT GREEN	3167	
LIGHT BLUE	3163	
MEDIUM BLUE	3166	
DARK BLUE	3162	
BLUE	3207	3237
DARK RED	3164	
RED	3230	3231
ORANGE	3238	3239
BLACK OPAQUE	3165	

THICKNESS
0.080"
0.118"
0.177"
0.220"
0.236"
0.354"
0.472"

SHEET SIZE
48" x 96"
60" x 96"
72" x 96"
51" x 100"
63" x 100"
72" x 100"
75" x 100"

All thicknesses available in all sheet sizes. Other thicknesses and sizes are subject to minimum order requirements and are quoted upon request.

## OPTICAL PROPERTIES\*

PROPERTY	ASTM METHOD	UNITS	0.080" SHEET THICKNESS	0.118" SHEET THICKNESS	0.177" SHEET THICKNESS	0.236" SHEET THICKNESS	0.354" SHEET THICKNESS
Transmission**	D 1003	%	91	90	88	86	80
Haze**	D 1003	%	96	98	99	99	100
<b>Specular Gloss**</b>							
85°	D 523	Gloss Units	15	20	21	23	25

\* Values reported are averages and should not be used for specification purposes.

\*\* This property will change with thickness. The value given is for the thickness indicated in the column heading unless otherwise noted.

Plexiglas® acrylic plastic is a combustible thermoplastic. Observe fire precautions appropriate for comparable forms of wood and paper. For building uses, check code approvals. Impact resistance is a factor of thickness. Avoid exposure to heat or aromatic solvents. Clean with soap and water. Avoid abrasives.

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See MSDS for Health & Safety Considerations.  
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