

Plexiglas®

Plexiglas® Frosted

ACRYLIC SHEET

Vivid colors. Endless possibilities.

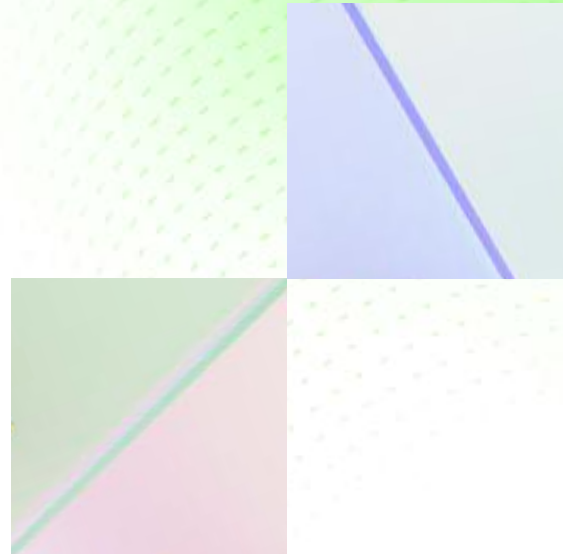
Durable, lightweight and uniquely finished, Plexiglas® Frosted acrylic sheet is an excellent material for backdrops, columns, lighting diffusers, illuminated signage, shelving, tabletops, visual displays and more. The frosted look isn't just on the surface — it's engineered throughout the entire acrylic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

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Arkema expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

See MSDS for Health & Safety Considerations.
Altuglas® and Plexiglas® are registered trademarks of Arkema.
©2006 Arkema Inc. All rights reserved.

Altuglas International
Arkema Inc.
2000 Market Street
Philadelphia, PA 19103-3222
TEL 215.419.7000
FAX 215.419.5512
www.altuglasint.com
www.plexiglas.com