



Plexiglas® MC Translucent Sign Colors

ACRYLIC SHEET

Throughout developments in lighting - from incandescent through fluorescent, from halogen to neon, and now LED - Plexiglas® MC Translucent Sign Colors have stood the test of time, with a solid history and a vibrant future.

Through the years, Plexiglas® acrylic sheet has delivered the performance you expect, and remains the familiar brand you've known and trusted, right down to our Plexiglas® acrylic sheet color numbers. We're still there for you today.

PLEXIGLAS®
BY ARKEMA

- Wide range of color choices for LED Hiding
- Can position the acrylic face as close as 2" to the light source
- Excellent diffusion characteristics
- Excellent color stability
- Lightweight - Half the weight of glass
- Can be easily fabricated and thermoformed
- Also available in impact grade as Plexiglas® SG PLUS acrylic sheet

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Now for
LEDs

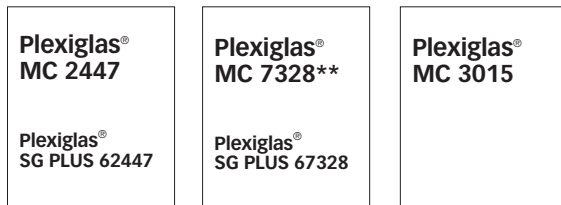
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PLEXIGLAS® MC Translucent Sign Colors for LED Hiding

Plexiglas® MC Translucent acrylic sheet colors diffuse light as it is transmitted, so that objects behind the sheet cannot be clearly distinguished. This diffusion quality is why our translucent colors are an exceptional choice for backlit sign applications using most common light sources - including LEDs. The percent transmission of diffused light is approximately the same, regardless of the sheet thickness. The colors shown have been tested in 0.118" and 0.177" thickness (unless otherwise noted) as close as 2" from the LED light source.

PLEXIGLAS® MC White Translucent Sign Colors for LED Hiding



Plexiglas® acrylic sheet has been considered a standard of the industry since it was first introduced more than 75 years ago. Available in additional colors, the Plexiglas® MC series offers an economical acrylic sheet that is both durable and versatile for a variety of other applications as well.

Need an impact product? Check out our Plexiglas® SG PLUS craze-resistant impact acrylic sheet, which is well suited for both channel letter and pan face sign applications.

Our co-extrusion, layering capability will allow for many color options to be developed with specific transmission or diffusing properties. Contact your local Sales Representative for specific details.

Products are available in a variety of sheet sizes.



*Only 0.118" has been tested for LED Hiding capability
 **Only 0.177" has been tested for LED Hiding capability

The colors above were tested with an Agilight Model # AGI-BS-EDGE-DW BrightStripe Edge White LED, 6500K with an I.T.E. Power Supply - Model # GFP451DA-1238-1 I/P:100-240V 50/60 Hz 1.2A, O/P: DC 12V, 3.8A. Actual LEDs are spaced 3/4" apart on-center. Testing was conducted with the light source positioned 2" behind the sheet.

Note: Different results may be achieved when using alternative white or colored LEDs due to equipment differences and/or user subjectivity.

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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