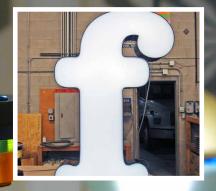
Signage and Lighting Materials



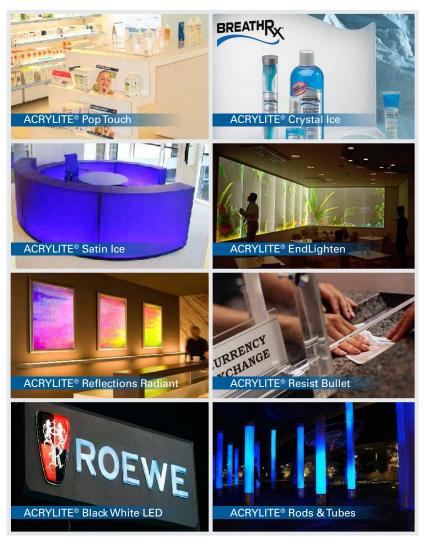








Acrylic



Acrylic is an amorphous thermoplastic which is optically transparent, unaffected by moisture, and offers a high strengthto-weight ratio. Acrylic offers high light transmittance and can be easily heatformed without loss of optical clarity. Prolonged exposure to moisture, or even total immersion in water, does not significantly effect the mechanical or optical properties of this outstanding economical and multi-purpose material. Cast acrylic is 17 times stronger than glass and is easily machined and thermoformed.

Available Types of Acrylic

Sheet, Rod and Tube Optical (for display) Mirror High Impact Resistant Satin-Texture Solar Non-Glare Textured Aerospace grade Abrasion Resistant Corrugated Frosted Edge Lit **General Purpose** UV Transmitting UV Filtering Sign Grade

Bullet Resistant Framing Grade Static Dissipative Extruded and Cast Designer Pattern's Heat Stop/IR Reflective LED/Light Diffusing Light Guide Micro Ban Resistant Edge Glow Museum Grade Plexiglas Acrylite Prismatic MIL-P-5425 MIL-P-8184

PETG Sheets



Available Types of PETG

Clear and Colors FDA Grade UV Grades Sign Grades Lenticular Sheet and Film PETG/Spectar® Co-polyester sheet is a thermoplastic sheet used in engineering applications. PETG offers the capability to produce complex shapes, precise details, deep draws and compound curves without worrying about durability. It's easily formed, die-cut and punched. It brings increased design freedom and lower fabrication costs. In sheet form, PETG has the impact strength and fabrication ease that acrylic can't touch, with the durability to significantly reduce packaging and shipping costs.

Polycarbonate



We are proud to offer the complete line of Sheffield Makrolon products.

Polycarbonate sheet (aka Lexan[®], Makrolon[®]) glazing offers superior durability, unmatched design flexibility and structural integrity that easily surpasses laminated glass and acrylic alternatives. Polycarbonate offers excellent impact resistance, clarity and electrical properties. It is UV resistant and is available in a number of different grades.

Polycarbonate AR Sheet and Makrolon® AR Abrasion-Resistant Polycarbonate Sheet offers glasslike surface hardness and the impact strength of polycarbonate. With enhanced UV resistance to protect against yellowing and hazing, Makrolon AR provides a longer service life for high-profile architectural glazing, and performs extremely well for other flat applications such as view windows and machine guards in harsh chemical environments.

Textured Flame Inhibiting UV Resistant Sign Reels LED / Light Diffusing Abrasion Resistant Static Dissipative High Optical Clarity Transportation Grade Machine Grade Window Grade

Available Types of Polycarbonate

Face Shield Welding (IR and UV Blocking) Automotive Laminate Bullet Resistant Containment Grade Aircraft Grade Dust Covers Aircraft Mirror Clear and Colors Sheet and Film FDA Grade Food Grade Lexan Makrolon MAK15 Multiwall Corrugated Prismatic Bayblend Hurricane Resistant



Brands Offered

Acrylite[®]

SciCron[®]

Optix[®]

Lucite®

Fabback[®]

Lexan®

Makrolon[®]

Vivak®

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