

Applications

- Point-of-purchase, product displays
- Signage
- Public area mirrors
- Monitoring and surveillance
- Interior trim and accessories

Advantages

- Lighter than glass
- Safer than glass: nonshattering, impact resistant, flexible
- Many colors, textures available
- Available in convex shapes
- Easier to handle and fabricate than glass
- Offers good design flexibility

Grades

- Acrylic
- Polycarbonate
- PETG

NOTE: Several grades of this material are available. For additional information regarding this plastic, contact your Emco Industrial Plastics representative or call (800) 292-9906.

Acrylic

Acrylic, Mirror [Polymethylmethacrylate, Mirror]

Mirror products are made by taking standard plastic sheet and mirrorizing the material, or by making it reflective. Plastic mirror can be made from acrylic, polycarbonate, or PETG.

Acrylic (Polymethyl-Methacrylate or PMMA) is an amorphous thermoplastic which is optically transparent, unaffected by moisture, and offers a high strength-to-weight ratio. Common trade names of acrylic include Plexiglas®, Lucite®, and Acrylite®.

Mirrorized acrylic, available both extruded and cast, exhibits the highest strength and stiffness than PETG and polycarbonate. Clear mirror is standard non-tinted mirror, although it comes in just about any color and texture. It may be cut into intricate shapes, drilled, sanded, polished, machined, cold formed for curved shapes or strip heated for a sharp bend. Acrylic mirror is highly reflective, available in reduced glare or scratch resistant. All sheets are protected on the front surface with clear film or paper masking. Additional backings include gatorback and pressure sensitive masking.

Brand Names

Plaskolite®, Acrilmir®, Fabback®, Argus®, Decora0Lite®, Flexi-view®, Fluoromir®, Lunar-Lite®, MirAcryl™ Mirage, MirroPlast™, Omni-View, Plexi-View, Replex, Mirador, Vista

Emco Industrial Plastics doesn't claim to represent all of the manufacturers or trade name products listed. This list is intended as a guide of typical materials available for purchase from Emco Industrial Plastics, Inc. For additional information, contact an Emco Industrial Plastics representative at (800) 292-9906.

Availability

TYPE	SIZE	LENGTH	COLOR
Sheet	1/8" - 1/4" TH	Up to 48" x 96"; CTS	Clear, stock colors, patterns
Other	Convex shape		

Give us your cut-to-size dimensions. We will precision-cut these plastics to your exact size. Additional sizes and colors available upon request.