Plastics for Architectural Glazing

Plastic materials to fulfill your needs -
Curbell Plastics supplies plastic sheet, adhesives, tapes, and sealants to architectural glazing suppliers and installers. In addition to standard glazing materials, Curbell has a full line of bullet and blast resistant materials to meet the most demanding security glazing specifications.

We recognize that glass and glazing customers require tight tolerance cut-to-size pieces with on-time delivery to meet construction schedules. Materials must offer superior transparency and toughness, as well as the ability to be formed into complex shapes.

Plastics are used for a wide range of architectural glazing applications including school glazing, hurricane resistant windows, and skylights.

Material selection, expert advice

“Curbell provides us with cut-to-size plastic sheet, with each size packaged and labeled for easy processing in our factory. Their attention to detail saves us time and cost on the production floor”.

~ Curbell Customer Feedback

Benefits of Plastic:
• Durability
• Lightweight for easy installation
• Acoustical insulating properties
• Outdoor weatherability (outdoor grades)
• Bullet resistant grades
• Hard coated grades
• Security glazing and hurricane resistant windows
• Versatility for design
• Wide variety of colors and patterns
• Improved energy efficiency

TYPICAL APPLICATIONS:
• Balustrades
• Bus shelters
• Canopies
• Doors and windows
• Embassy glazing
• Greenhouses
• Hurricane resistant windows and storm panels
• Partitions
• Military vehicle glazing
• Prison, police station, and detention facility glazing
• Psychiatric facility glazing
• School glazing
• Security glazing
• Skylights
• Stairs
• Storefronts
• Table tops
• Transparent armor
• Transportation centers

COMMON MATERIALS:
• Acrylic
• Acrylic UL Level 1 & 2
• ACRYLITE® BR
• Bullet resistant sheet
• Cast acrylic
• Foam tape
• Glazing tape
• Makrolon® 15
• Makrolon® AR
• Makrolon® Hygard
• Mirror coated acrylic and polycarbonate sheet
• OPTIX®
• Patterned acrylic sheet
• Plexiglas®
• Polycarbonate
• SentryGlas®
• SentryGlas® adhesion promoter
• Silicone sealants and caulking
• Twin wall acrylic and polycarbonate sheet

Curbell is the authorized supplier of SentryGlas®

www.curbellplastics.com
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Curbell Plastics carries a full line of plastic materials and more...

Engineering Materials
- ABS
- Acetal
- Acrylic
- CPVC
- Delrin®
- DuPont™ Vespel® Polyimide Shapes
- ESD materials
- ETFE
- FEP
- FM4910 materials
- Food grade materials
- FR-4
- G-10
- GPO - 1, 2, and 3
- Halar® (ECTFE)
- HDPE (high density polyethylene)
- HYDEx® 4101 (PBT)
- Kynar® (PVDF)
- LDPE (low density polyethylene)
- Makrolon®
- Medical grade materials
- Metal detectable materials
- Noryl®
- NYLOIL®
- Nylon
- Nylon MD
- PBT
- PEEK
- PET
- PETG
- PFA
- Phenolic
- Polyamide-imide
- Polycarbonate
- Polyethylene
- Polypropylene
- Polystone®
- Polystyrene
- Polysulfone
- PPS (polyphenylene sulfide)
- PTFE
- PVC
- PVDF
- RADEL® R
- SANATEC®
- SentryGlas®
- Sustanid®
- SustaPEEK®
- Sustarin®
- TECAFORM®
- TECAMID®
- TECAPEEK®
- TECAST VEKTON™
- Thermostat laminates
- UHMW-PE
- Ultem® (PEI)
- Urethane
- X-ray detectable materials

Sign, Visual Merchandising, & Print Materials
- ABS
- Acrylic
- Acrylic, impact modified
- Acrylic mirror
- Acetate film and sheet
- Cast acrylic sheet
- CELTEC®
- Coroplast®
- Designboard®
- Dibond®
- Double patterned acrylic sheet
- DP-32 patterned acrylic sheet
- DURAPLAST®
- Dry erase board
- Engraving stock
- Ergonomic/anti-fatigue matting
- Expanded PVC
- FABBACK® mirror
- FiberMate™
- Flexible tubing
- Forme-Cor®
- Gatorfoam®
- GatorPlast®
- HDPE (high density polyethylene)
- HDU board
- HiPS film
- InSite®
- InteCell®
- InteClear™
- InteFoam®
- JetMount®
- KYDEX® thermoplastic sheet
- LDPE (low density polyethylene)
- Magnet board
- Makrolon®
- Mirror
- MUSTANG® Copolyester
- OPTIX®
- PETG
- Plastic lumber
- PLEXIGLAS®
- Polycarbonate sheet, mirror
- Polypropylene
- Polystyrene
- Precision Board Plus™
- PVC
- Rigid foams
- Ryno Board®
- See-thru mirror
- Simpopor (light, color, digital)
- Sintra®
- Soft foams
- Solarlyte® SUVT
- Spetcator®
- Styrene
- Twin wall polycarbonate sheet
- Ultra Board
- Urethane foam board
- Vinyl
- VIVAK® PETG

Plastic Films
- Acetate
- Acrylic
- Calendered vinyl
- Hardcoated film
- HDPE
- HIPS
- Kynar® PVDF
- LDPE
- Light diffusing film
- Makroflex® polycarbonate film
- Nylon
- PEEK
- PEN
- PETG
- Polycarbonate
- Polyester
- Polymide
- Polypropylene
- Press polished vinyl
- Pressure sensitive vinyl
- PVC
- Scratch resistant vinyl
- Sign vinyl
- Static cling vinyl
- Styrene
- UHMW
- Ultem®
- Vinyl

Prototyping, Mold Making, & Tooling Materials
- DSM Somos® SLA resins
- Momentive silicone mold making materials
- PTM&W liquid casting and laminating epoxies and casting urethanes
- RAMPF® modeling and tooling board

Adhesives & Sealants
- 3M™ adhesives and tapes
- Aerosols
- Anaerobics
- Bostik adhesives
- Bulk dispensing equipment and cartridges
- Cyanoacrylates
- Epoxies
- Hot melts
- IPS® SCIGRIP®
- Methacrylates
- Momentive RTV silicones
- ITW Plexus® and ITW Devcon®
- Structural adhesives
- Urethanes
- Silane-terminated, isocyanate-free polyurethanes
- UV adhesives

Tapes, Fabrics, & Belts
- 3M™
- Aisle marking tape
- Anti-static fiberglass fabric
- Application tape
- Band Sealing Belts
- Circuit board tape
- Crepe paper masking tape
- Differential adhesive tape
- Double sided tape
- Fiberglass cloth tape
- Fluorescent tape
- Foam Tape
- Friction tape
- Gaffer’s tape
- Glow-in-the-dark tape
- Heat sealing tape
- HVOC Tape
- Magnetic tape
- Mechanical grade belts
- Metal foil tape
- Mounting tapes
- Mylar®/Polyester tape
- Plating tape
- Polyester splicing tape
- Polymide tape
- PTFE coated fiberglass tapes, fabrics, and belts
- PTFE high modulus tape
- PTFE skived tape
- Reflective tape
- Tear/crease resistant fabrics
- Thermal spray tape
- Transfer tape
- UHMW wear tapes
- Ultra high bond tapes
- VHB™ tape
- Vinyl tape
- Window glazing tape

Orthotic & Prosthetic Materials
- Covering and cushioning
- Fabrication supplies
- Foams
- Plastic sheet
- Prosthetic materials
- Transfer paper

OUR NATIONWIDE LOCATIONS OFFER:
- Local inventory
- Just-in-time delivery
- Cut-to-Size / Custom Cutting
- Packaging & Kitting
- Custom services
- Technical consult

Our material partners:

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