

Plastics, Adhesives, and Tapes for Specialty Vehicles



Benefits of Curbell's Products:

- Reduce weight, noise, and vibration
- Durable and wear resistant
- Moisture and chemical resistant
- Bearing grades often eliminate the need for external lubrication
- UV resistance (UV grades)
- Grades available with good flame, smoke, and toxicity characteristics
- Adhesives replace welds and rivets
- Visually appealing - transparent, colors, textures
- Many plastics can be printed and painted

Engineered materials to fulfill your needs

Curbell Plastics has a broad inventory of plastics, adhesives, and tapes for specialty vehicles. We recognize that vehicle manufacturers need aesthetically pleasing materials that are lightweight and durable.

Plastics are used for a wide range of vehicle applications including windows, wall coverings, floor panels, and shelving as well as electrical insulators, bearings, bushings, and wear pads. High performance adhesives and tapes provide quality enhancements and cost savings over traditional metal fasteners by improving aesthetics and reducing assembly time.

Material selection, expert advice

"Curbell worked with our design team to replace several plywood parts with high performance polymers. This resulted in both a weight savings as well as improved moisture resistance for our vehicles".

~ Curbell Customer Feedback

TYPICAL APPLICATIONS:

- Adhesives and sealants
- Assembly tapes
- Bearings
- Boom pads
- Bumpers
- Bushings
- Covers
- Door panels
- Electrical insulators
- Floor panels
- Guards
- Rollers
- Sheaves
- Shelves
- Skylights
- Wall panels
- Wear pads
- Wear strips
- Windows
- Windshields

COMMON MATERIALS:

- ABS
- Acetal
- Acrylic sheet
- Delrin®
- Expanded PVC
- Foam tape
- GPO (1, 2, and 3)
- HDPE
- KYDEX® thermoplastic sheet
- Makrolon® polycarbonate sheet
- Nylon
- Phenolic laminates
- Plexus® methacrylate adhesives
- Polyurethane
- Structural adhesives
- UV-stable sealants
- UHMW
- UHMW tape
- VHB™ tape



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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)
- KYDEX® thermoplastic sheet
- 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®
- Sustamid®
- SustaPEEK
- Sustarin®
- TECAFORM®
- TECAMID®
- TECAPEEK®
- TECAST VEKTON™
- Thermoset 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
- FABBAC® mirror
- FiberMate™
- Flexible tubing
- Fome-Cor®
- Gatorfoam®
- Gatorplast®
- HDPE (high density polyethylene)
- HDU board
- HIPS film
- InSite®
- InteCel®
- 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
- Simopor (light, color, digital)
- Sintra®
- Soft foams
- Solacryl® SUVT (UV transmitting acrylic)
- Spectar®
- 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
- Makrofol® polycarbonate film
- Nylon
- PEEK
- PEN
- PETG
- Polycarbonate
- Polyester
- Polyimide
- 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
- HVOF Tape
- Magnetic tape
- Mechanical grade belts
- Metal foil tape
- Mounting tapes
- Mylar®/polyester tape
- Plating tape
- Polyester splicing tape
- Polyimide 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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