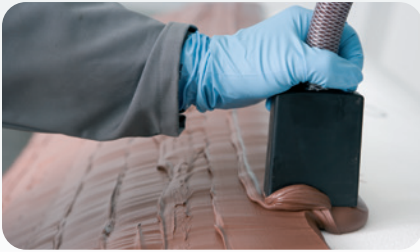


Prototyping, Mold Making, and Tooling Materials



Prototyping and tooling materials to help bring your concepts to life

Bring your concepts to life

Creating something new is exciting - but it can also be a challenge. Whether you're inventing a revolutionary product or improving an existing design, Curbell Plastics is here to help you. We have a full range of prototyping and tooling materials to support your product and part development.

Material selection, expert advice

If you're trying to choose a specific material, our plastics professionals will be happy to talk with you about your needs and suggest the best options for your application. Our highly knowledgeable people use their expertise to help customers overcome challenges and take advantage of opportunities.

What makes us different

At Curbell Plastics, we pride ourselves on providing responsive service, delivering innovative solutions, and exceeding expectations — just as we have for more than 85 years. We're here to provide the full line of quality plastic materials, related products, and specialized programs you want — whenever and however you need them.

TYPICAL APPLICATIONS:

- Casting
- Composite tooling, plugs, and molds
- Fixtures
- Jigs
- Laminating
- Master models
- Patterns
- Sheet metal stamping dies
- Surface coating
- Prototyping
- Wind tunnel testing models

INDUSTRIES SERVED:

- Aerospace
- Alternative energy
- Food and beverage processing
- Glass lamination
- Heavy equipment
- Life sciences and medical equipment
- Lighting & light management
- Machine shops
- Machinery and equipment
- Maintenance, repair, and operations
- Military and defense
- Oil and gas
- Orthotics and prosthetics
- Packaging and conveying
- Plastic fabrication
- Scientific instrumentation
- Semiconductor/electronics
- Spacecraft
- Specialty vehicles
- Transportation

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

Engineering Materials

- ABS
- Acetal
- Acrylic
- CPVC
- Delrin®
- DuPont™ Vespel® Polyimide
- ESD materials
- ETFE
- FEP
- FM4910 materials
- Food grade materials
- FR-4
- G10
- GPO - 1, 2, and 3
- Halar® (ECTFE)
- HDPE (high density polyethylene)
- HYDEX® 4101 (PBT)
- HYGARD®
- HYGARD® BR
- KYDEX® Thermoplastic Sheet
- Kynar® (PVDF)
- LDPE (low density polyethylene)
- LubX® C
- Medical grade materials
- Metal detectable materials
- Noryl®
- NYCAST® NYLOIL®
- Nylon
- Nylon MD
- PAI (polyamide-imide)
- PBT
- PEEK
- PET
- PETG
- PFA
- Phenolic
- Polycarbonate
- POLYGAL®
- Polyethylene
- Polypropylene
- Polystone®
- Polystyrene
- Polysulfone
- PPS (polyphenylene sulfide)
- PTFE
- PVC
- PVDF
- Radel® R
- Sanatec®
- SentryGlas® Interlayer
- SUSTAMID®
- SustaPEEK
- SUSTARIN®
- TECAFORM®
- TECAMID®
- TECAPEEK®
- Thermoset laminates
- Tubing & hose
- TUFFAK®
- TUFFAK® AR
- TUFFAK® OP
- TUFFAK® 15
- 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
- Aluminum composite material (ACM)
- Cast acrylic sheet
- Celtec®
- Coroplast®
- Designboard®
- DIBOND®
- Double patterned acrylic sheet
- DP-32 patterned acrylic sheet
- Dry erase board
- DURAPLEX®
- Engraving stock
- Ergonomic/anti-fatigue matting
- Expanded PVC
- FABBACK® mirror
- Flexible tubing
- Fluted polypropylene boards
- FOME-CORE®
- GATORFOAM®
- GATORPLAST®
- HDPE (high density polyethylene)
- HDU board
- HIPS (high impact polystyrene)
- InteCel®
- InteClear™
- InteFoam®
- JETMOUNT®
- KYDEX® Thermoplastic Sheet
- LDPE (low density polyethylene)
- Magnet board
- Mirror
- OPTIX®
- OPTIX® LD
- OPTIX® L Series
- OPTIX® NG
- PETG
- Plastic lumber
- Plexiglas®
- Polycarbonate sheet, mirror
- POLYGAL®
- Polypropylene
- Polystyrene
- Precision Board Plus™
- PVC
- Rigid foams
- See-thru mirror
- Simopor (light, color, digital)
- SINTRA®
- Soft foams
- Styrene
- TUFFAK®
- TUFFAK® DA
- TUFFAK® GP Patterns
- TUFFAK® SL
- Twin wall polycarbonate sheet
- Ultra Board
- Urethane foam board
- Vinyl
- VIVAK® PETG

Plastic Films

- Acetate
- Acrylic
- Bayfol®
- Hardcoated film
- HDPE
- HIPS film
- Kynar® PVDF
- LDPE
- Light diffusing film
- Makrofol® polycarbonate film
- Melinex®
- Mylar®
- Nylon
- PEEK
- PEN
- PETG
- Polycarbonate
- Polyester
- Polyimide
- Polypropylene
- Press polished vinyl
- Pressure sensitive vinyl
- PVC
- Scratch resistant vinyl
- Sign vinyl
- UHMW
- Ultem®
- Vinyl

Prototyping, Mold Making, & Tooling Materials

- **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
- Anaerobics
- Bulk dispensing equipment and cartridges
- Cyanoacrylates
- Epoxies
- ITW Plexus® and ITW Devcon®
- Methacrylates
- MOMENTIVE® RTV silicones
- SCIGRIP®
- Structural adhesives
- Urethanes
- UV adhesives

Tapes, Fabrics, & Belts

- 3M™
- Anti-static fiberglass fabric
- CHR®
- Circuit board tape
- Double sided tape
- Fiberglass cloth tape
- Foam tape
- Heat sealing tape
- HVOF tape
- Mechanical grade belts
- Polyimide tape
- PTFE coated fiberglass tapes, fabrics, and belts
- PTFE high modulus tape
- PTFE skived tape
- Thermal spray tape
- UHMW wear tapes
- Ultra high bond tapes
- VHB™ tape
- Window glazing tape

Orthotic & Prosthetic Materials

- ABS
- C-TEK® MODStiff™
- CAB
- Carbon braid
- Copoly (copolymer PP)
- Duraflex® (EVA)
- Fabrication supplies
- Foams
- HDPE
- KYDEX® Thermoplastic Sheet
- LDPE
- MPE (modified polyethylene)
- OP-TEK® Flex (EVA)
- Orfitrans® (EVA)
- Polypro (homopolymer PP)
- Polypropylene
- ProComp® (carbon reinforced polypropylene)
- Proflex (EVA)
- Surlyn®
- TPE
- Transfer paper (heavy and standard)
- VIVAK® PETG
- Volara®

OUR NATIONWIDE LOCATIONS OFFER:

- Fabricated and machined parts
- Plastic application troubleshooting
- Inventory programs
- Packaging and kitting
- Documented cost savings
- National account management
- Certification and traceability
- Labeling
- Recycling
- Material yield optimization



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Our material partners:



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