

Plastics for Aerospace and Defense Applications

How plastics can benefit you:

- Flame and smoke resistance
- High temperature and low temperature capabilities
- Resistance to aviation fuels
- Toughness and impact resistance
- Aesthetic qualities including color and surface texture
- Sealing characteristics
- Bearing and wear characteristics
- Transparency for windows



High Performance Materials to Fulfill Your Needs

Curbell Plastics has a wide variety of plastics and composites to meet the demanding performance requirements of the aerospace and defense industries. We recognize that these industries require strict adherence to specifications, lot and batch traceability, and materials that will stand up to extreme operating environments.

We supply plastic sheet, rod, tube, and film for aerospace machine shops and fabricators along with complete lot and batch certifications documenting conformance to specifications. Our ISO 9001:2000 facilities can meet the most stringent quality management documentation requirements.

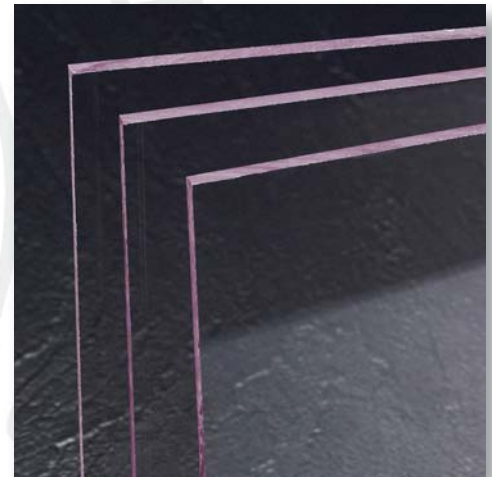
Curbell Plastics adds value for our aerospace and defense customers by working with their engineers and fabricators to identify plastic material options for their applications.

APPLICATIONS:

- Aircraft windows and canopies
- Aircraft tray tables
- Air-return grills
- Arm rests
- Avionics instrument panels
- Bearings and bushings
- Composite tooling
- Interior components
- Seals
- Splines
- Wire wrap insulation

MATERIALS:

- Acetal
- Acrylic
- G-10 and FR-4 glass/epoxy
- KYDEX® thermoplastic sheet
- Nylon
- PEEK
- Phenolic
- Polycarbonate
- Polyimide film
- Polyurethane and epoxy tooling resins
- Radel R®
- TECATOR™ polyamide-imide
- Ultem®
- Vespel® Polyimide Shapes



Our material partners



Put us to work – for you!™

Curbell Plastics has been supplying plastic sheet, rod, tube, films, adhesives, sealants, tapes, prototyping and tooling materials, and fabricated parts for over 65 years

ALBANY
800.553.0335

CLEVELAND
800.223.2725

FLORIDA
888.388.3417

PHOENIX
800.227.7963

SYRACUSE
800.446.4624

TAPES & FABRICS
888.287.2355

ATLANTA
800.433.9756

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866.319.8723

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800.637.2763

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800.548.0650

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800.334.9699

DETROIT
800.354.4798

PHILA & NJ
800.831.2550

ROCHESTER
800.722.2140

WESTERN NY
800.544.1498

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