

Plastics for Scientific Instrumentation and Analytical Equipment



High Performance Materials to Fulfill Your Needs

Curbell Plastics has a wide variety of thermoplastics and composites to meet the demanding performance requirements of scientific, testing, and process control instrumentation. We recognize that the materials used in instrumentation must often stand up to extreme environments including corrosive chemicals, vacuum conditions, high temperature, high pressure, and repeated sterilization, while maintaining high purity and reliability.

We supply plastic sheet, rod, tube, and film materials for all types of demanding instrumentation applications. Curbell Plastics adds value for instrument manufacturing customers by working with their engineers and fabricators to identify plastic material options for their applications.

APPLICATIONS:

- Bearings and bushings
- Centrifuge parts
- Electrical insulators
- Electrophoresis machinery components
- Ferrules
- Flexible tubing
- Gas chromatograph components
- Gears
- Guards and shields
- Housings
- HPLC machinery components
- Manifolds
- Mass spectrometer components
- Pump components
- Seals
- Sterilizable parts
- Valve components

MATERIALS:

- ABS
- Acetal
- Acrylic
- HDPE
- KYDEX® thermoplastic sheet
- Kynar® PVDF
- Noryl
- Nylon
- PBT
- PEEK
- PET
- PETG
- Polycarbonate
- Polypropylene
- Polysulfone
- PPS
- PTFE
- PVC
- Radel R®
- TECATOR™ polyamide-imide
- UHMW
- Ultem®
- Vespel® Polyimide Shapes

How plastics can benefit you:

- Can operate in high and low temperatures
- Can perform in vacuum or high pressure environments
- Excellent electrical insulating properties
- Highly pure to minimize the likelihood of sample contamination
- Excellent wear resistance
- Resist degradation (from radiation, steam, chemicals)



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

ATLANTA
800.433.9756

COLORADO
866.319.8723

NEW ENGLAND
800.637.2763

PITTSBURGH
800.548.0650

SYRACUSE
800.446.4624

TAPES & FABRICS
888.287.2355

CINCINNATI
800.334.9699

DETROIT
800.354.4798

PHILA & NJ
800.831.2550

ROCHESTER
800.722.2140

VIRGINIA
888.349.8897

FILMS GROUP
888.287.2355

CLEVELAND
800.223.2725

FLORIDA
888.388.3417

PHOENIX
800.227.7963

SEATTLE
800.832.6774

WESTERN NY
800.544.1498

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