

Plastics for Medical Applications

How plastics can benefit you:

- Withstand repeated sterilization cycles (autoclave, gamma radiation, and ETO)
- Comply with agency standards including FDA and USP Class VI
- Meet requirements for lot and batch traceability
- Toughness and durability
- Excellent electrical insulating properties



Plastic Materials to Fulfill Your Needs

Curbell Plastics has a wide variety of thermoplastic materials to meet the demanding performance requirements of the medical equipment industry. We recognize that medical device manufacturers require strict adherence to FDA and USP Class VI compliance specifications, lot and batch traceability, and materials that will stand up to harsh environments including repeated sterilization.

We supply plastic sheet, rod, tube, and film materials for medical equipment 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 medical equipment customers by working with their engineers and fabricators to identify plastic material options for their applications.

APPLICATIONS:

- Bearings and bushings
- Electrical insulators
- Flexible tubing
- Housings
- Implant sizing trials
- Knobs
- Leur locks
- Manifolds
- Pump components
- Seals
- Sterilizable surgical instrument trays
- Surgical instrument handles
- Valve components

MATERIALS:

- ABS
- Acetal
- Acrylic
- HDPE
- KYDEX® thermoplastic sheet
- Kynar® PVDF
- Nylon
- PEEK
- Polycarbonate
- Polypropylene
- Polysulfone
- PPS
- PTFE
- Radel R®
- UHMW
- Ultem®



Our material partners



Sheffield Plastics
A Bayer MaterialScience LLC Business

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

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