• Corrosion Resistant Products

• Biomedical Research Products

• Laboratory/Clean Room Products

• Wet Process Equipment

• Custom Design and Fabrication

• Engineering & Installation Assistance

• Mass Production

• Direct & Wholesale Sales

• Raw Materials Sales

• Stainless Steel Products

ISO 9001: 2015 Certified
Founded in 1976, Plastic Design, Inc. is dedicated to working with its customers to resolve equipment and process issues with innovative, well engineered solutions. Utilizing the unique properties of the many plastic materials available today, Plastic Design, Inc. supplies systems and products to meet the demanding needs of industries from biomedical and pharmaceutical to micro electronics and photonics. With the latest in automated fabrication equipment and expert computer aided design capability, Plastic Design, Inc. can supply any quantity from the one-off prototype to full production runs. Should your need be for a simple bio-isolation chamber, a fully automated semi-conductor etching tool, or a totally unique innovation, Plastic Design, Inc. will address your project in a quality, timely, and cost effective fashion.

Our 30,000 sq. ft. facility has 21,000 sq. ft. of open manufacturing area with complete manufacturing capability. Located in North Chelmsford, Massachusetts, we are just minutes from the intersection of Rt. 3 and Rt. 495.
ABS
Sheet - Rod - Welding

ACETAL (Delrin)
Sheet - Rod - Bar - Tube

ACRYLIC (Plexiglass)
Sheet - Cast Rod & Tube
Extruded Rod, Tube, Miscellaneous Shapes

ADHESIVES
Acrylic - PVC - CPVC

DELDRIN (see Acetal)

DELRIN AF
Sheet - Rod

FLAMTEC
Family of fire safe products
PVC-C Sheet FM4910 Complaint
CP-7 Polypropylene - Sheet
CPVC - Corzan 4910 CPVC - Sheet
Halar EctFE - Sheet
Halar Clear - Sheet
Kytec PVDF - Sheet

KYNAR
Sheet - Rod - Tube - Welding Rod

LEXAN (Polycarbonate)
Sheet - Rod - Tube - Welding Rod

NORYL
Sheet - Rod

NYLON
Sheet - Rod - Tubing (rigid and flexible)

POLYCARBONATE (see Lexan)

POLYETHYLENE
High and Low density
UHMW - Sheet
Hitec - High density
Polyethylene - Sheet
Pipe Grade Polyethylene
Sheet Black
Seaboard - UV Stable
HDPE - Sheet
Sanatec - FAA approved
HDPE - Sheet
Welding Rod (round and triangular)
Tubing (flexible and rigid)
Tanks (fabricated and molded)

POLYPROPYLENE
Sheets (natural, white and black)
Sheets (Homopolymer and Copolymer)
Rods
Welding Rod (round and triangular)
Tubing (flexible and rigid)
Tanks (fabricated and molded)

POLYVINYL CHLORIDE
(PVC & CPVC)
Sheets (grey, white & clear)
Rods - angle - hex rod - bar
Welding Rod (round and triangular)
Duct, Pipe, fittings and valves
Tubing (flexible and rigid)

PVDF (KYNAR-KYTEC)
Sheets
Fittings

PTFE - FEP - PFA - TFE
Sheets (skived and molded)
Rod (extruded and molded)
Tubing (flexible and rigid)

WELDING EQUIPMENT

PLASTIC DESIGN, INC.

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