



MOLDING, FABRICATION & MACHINING SERVICES

QUALITY PLASTIC AND RUBBER MATERIALS AND COMPONENTS

Redwood Plastics and Rubber is dedicated to the specialized requirements necessary to turn stock **plastics, rubber and composite materials** into precision mechanical components of the utmost quality.

Our services include:

CUT-TO-SIZE

We have a variety of CNC equipment to cut rubber and plastic materials to size or into simple or complex custom shapes.

CUSTOM DESIGN & TOOLING

Using CAD, CAM & FEA software, we can custom design and manufacture virtually any component.

PLASTIC & RUBBER FABRICATION & CNC MACHINING

We can bend, form, cut, drill, or weld almost any plastics to your specifications.

PLASTIC & RUBBER FLASHCUT CNC (KNIFE CUTTER)

Excellent cutting precision with high speed cutting and punching speeds for gaskets, rubber, plastics, conveyor belting materials, composite materials and laminated materials.

PLASTIC & RUBBER WELDING

Tanks, tank repairs, duct, drip trays and industrial piping systems can be welded for repair or construction.

CUSTOM CASTING & MOLDING

Redwood Plastics and Rubber can cast and mold your product to exact specifications with the most advanced equipment available.

ROLLER BUILDING, RECOVERING & REGRINDS

For end-users seeking a fast, skilled supplier to repair and re-build their existing rollers or OEM's looking for a reliable design partner for building new pulleys & wheels, we are the leading manufacturer of high quality lagged rollers.

- **ADVANCED MATERIALS**
- **INNOVATIVE MACHINING TECHNIQUES**
- **RELIABLE DESIGN & MANUFACTURING**
- **QUICK LEAD TIMES**
- **SHORT-RUN OR HIGH VOLUME ORDERS**

Superior Polyurethane Production



We have the capability of casting urethane components in any color and any durometer from 55A to 75D.



We produce TDI and MDI urethane parts including food grade, FDA compliant materials.



All our formulations are controlled by our Design and Engineering department, with our machines loading the formulations directly from our ERP software on a job by job basis.



Each polyurethane mold has a unique RFID tag that controls all the parameters of your job, from Part quantity, formulation, color, durometer, and/or any proprietary additive, fire retardant or friction modifier.



Our polyurethane machines are capable of continuous casting at flow rates up to 75LB/min. Our casting ovens are 50' long x 12' wide x 12' tall.



Part sizes can be as small as a few grams and we have no maximum size for some materials. The largest single part we have done to date is well over 2,500 LB.



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Redwood Plastics and Rubber is a leading manufacturer and distributor of performance plastics and rubber to a variety of industries. We supply many grades and types of plastics and rubber in **sheet, rod, tube and stocked shapes** as well as **custom molded** and **fabricated parts**.

Whether you know what you need or need help in determining the perfect material, we will work with you to

make certain that the most optimal material is used for your application, ensuring your project will be a success.

We can also **design, machine, drill, mill, weld, route, and 3D print** to produce prototypes, short runs, production runs or maintenance parts as well. Save time and money by utilizing our experienced fabricators and plastic and rubber specialists.

REDCO™ MATERIALS & PRODUCTS

ENGINEERED PLASTICS

- Polyurethane
 - Neptune™ (FDA) Grade
 - SPS 2000
 - Deadplate™
 - Vypur Fras™
- Nylon
 - Neptune™ (FDA) Grade
 - PVM™
 - Glass-filled
- Tuffkast™
- UHMW
 - Neptune™ (FDA) Grade
 - Synsteel™
 - Titanium™
- HMW PE 500
- VHMW
- Acetal & PET
- PTFE
- HDPE
- Polyethylenes (HDPE)
- Industrial Laminates
- FRP Grating & Structural Components
- FRP Wall Panels

RUBBER

- Sheet Rubber
 - Commercial Grades
 - Premium Grades
- Gaskets & Seals
- Rubber Matting
- Strongbond™

SEE THROUGH PLASTICS

- Acrylic
- Polycarbonate
- Flexible Vinyl (PVC)

HIGH PERFORMANCE PLASTICS

- Ultem
- Peek
- Polysulfone

PERFORMANCE PRODUCTS

- Bushings & Bearings
- Channel & Profiles
- Liners
 - Plastic Liners
 - Truck Liners
 - Ceramic Liners
 - Rubber & Urethane Liners
- Sprockets
- Hose Protection
- Sheaves & Pulleys
- Sharkfin Board Turning System
- Outrigger Pads
- Rubber and Urethane Rollers
- Dynamex™ Rise-It™ Paver Pedestal
- Torzeal™ – Rubber Dam Gate Seals
- Barriers & Dividers
- Dynamex™ Elastomeric Bridge Bearings
- Green Screens
 - Sorting & Dewatering Mining Screens

VISIT OUR WEBSITE FOR MORE APPLICATION SOLUTIONS AND PRODUCTS