



Core Competencies and Capabilities

Enhanced Performance Plastic Offerings

Not only do we supply a variety of performance plastic materials in sheet, rod, tube, and profiles, but we also do custom fabrications, liners and machined parts.

Materials include: UHMW, Nylon, Acetal, FRP, PTFE, Phenolic, and more.

Comprehensive Rubber Solutions

Supplying rubber parts including vulcanized rollers, compression molded parts, rubber extrusions, custom lining, gaskets, and sheet rubber stock.

Available in a variety of durometers and grades, ranging from 20A to 80D.

Local Urethane Manufacturing

We offer durometer ranges from 50A to 75D.

Food-grade, fire-retardant, anti-static, self-lubricating, and other variations available. Cast parts up to 3000+ lbs.

Unrivalled Technical Support

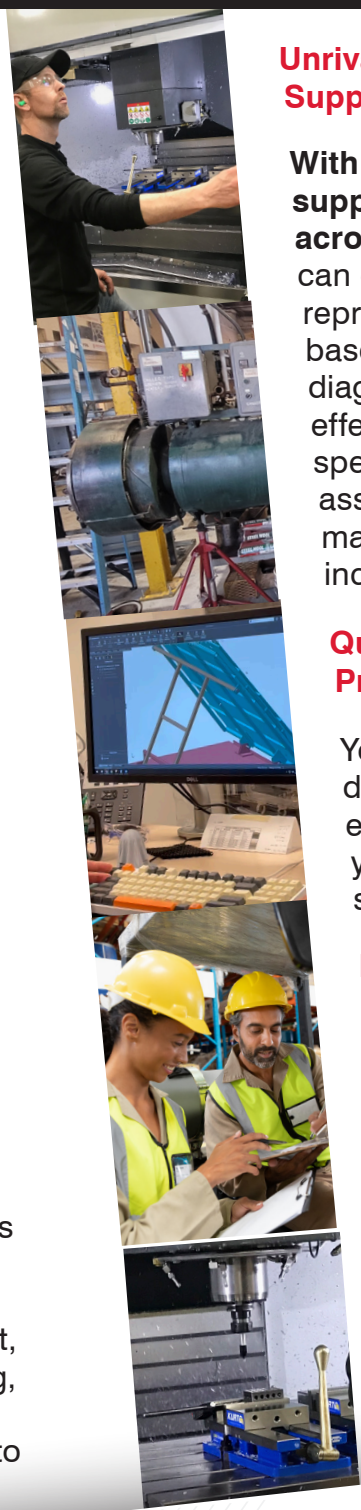
With over 50 years supplying wear products across North America, we can deploy our technical representatives to your base of operations to diagnose and recommend effective solutions. We specialize in extending asset life, reducing maintenance cost and increasing safety.

Quality Control and Product Development

Your solution will be developed by a team of experts to help manufacture your ideal product to your specifications.

In-House Machining & Fabrication

We have over 20+ CNC machines in our facilities running multiple shifts 7 days a week, ready to turn conventional stock shapes into custom components for your operations.



Redwood In One View

Strengthening your Supply Chain with Domestic Manufacturing

MATERIALS

Redco™ Polyurethane

Redco™ Polyurethane offers remarkable abrasion resistance and outstanding durability in shock, vibration, and impact applications, outlasting rubber and metal by up to 20 to 1.

With our extensive design capabilities and Redco™ Polyurethanes' ability to range in hardness from eraser soft to bowling ball hard, this material can be used for an infinite number of applications.

Redco™ UHMW

With a low coefficient of friction, superior abrasion and corrosion resistance, Redco™ UHMW has been proven to outlast mild and hardened steel by as much as 10 to 1.

Redco™ UHMW is ideally suited for a variety of applications to remedy material hang-up and accelerated wear due to abrasion or corrosion. It also has no moisture absorption.

Redco™ Rubber

Redco™ Rubber is available in a wide variety of grades for applications requiring excellent chemical resistance and superior tensile strength.

Varieties include: Natural (NR), Styrene-Butadiene (SBR), Neoprene (CR), Butyl (IIR), Ethylene-Propylene-Diene (EPDM), Red Sheet Packing and Hypalon.

Redco™ Nylon

Redco™ Nylon has excellent durability and can also be formulated to withstand heat up to 260°F (128°C). Redco™ Nylon is easily machined and is an outlasting, outperforming replacement for parts traditionally made of metal.

Redco™ FRP (Structural)

Redco™ FRP provides durability with extremely high strength. It is corrosion resistant and non-conductive making it ideal for applications in damp environments or where an electrical current or chemicals (either acidic or caustic) may be present.

Redco™ Acetal

Redco™ Acetal is suited for a variety of industries and applications. It acts as an electrical insulator, is FDA compliant for food applications and is an excellent material for use in applications requiring close-tolerances. Acetal withstands environments with a constant temperature up to 180°F.

Redco™ PTFE

Redco™ PTFE offers outstanding properties making it the ultimate choice for a magnitude of applications. Redco™ PTFE has no water absorption and is self lubricating with excellent chemical resistance and high temperature tolerance (+500°F/260°C). It also has the lowest coefficient of friction of any other plastic variety.

Redco™ Industrial Laminates

Redco™ Industrial Laminates are the strongest and toughest materials in our product line. Redco™ Industrial Laminates have excellent compressive strength (up to 70,000 P.S.I.), incredible impact strength, and high load bearing properties.

Redco™ Polycarbonate

Redco™ Polycarbonate is easily worked, molded, and thermoformed. It is widely used for many diverse applications. Features such as temperature resistance in hot and cold environments, impact resistance, and optical properties make Redco™ Polycarbonate the perfect choice for a number of industrial and commercial applications.

SERVICES

Enhanced Plastic Offerings

Advance pre-production scheduling
Batch ordering available
On-shore manufacturing and staff
CNC Manufacturing at every location

CNC Machining

5 CNC Lathes
6 CNC Routers
5 CNC Mills
5 CNC Saws
2 CNC Atom Cutters
Waterjet
20+ Fabricators on-hand

Quality Control & Engineering

Custom Molding
Reverse Engineering
3D Modelling
Quality Control Staff in-house
Universal ASTM Testing Machine

Unrivaled Technical Expertise

200+ Employee Strong
30+ member Sales Team
Technical Sales available by email or phone
Outside Sales can travel to your site.
Project managers for complex projects
Six full-time Estimators on staff

Comprehensive Rubber Solutions

Rubber Compression Molding:
15+ Presses in-house
100 Tonne to 7,000 Tonne Presses
Sheets in various grades and thicknesses
Custom gaskets production
Rubber Extrusion:
1000+ dyes
Sizes from 0" - 24" available in house
Rubber Roll Manufacturing
Metal Lining and hand building
Autoclaves + Atmospheric Curing available

Local Urethane Manufacturing

Part capabilities from 0 LBS – 3,000 LBS parts available
Max Size – 15' x 15' x 50'
Spray Urethane Coatings available in house
Multiple Molding styles available in house

CUSTOM PARTS

Bearings
Belt Scrapers
Bridge Bearing Pads
Bumpers
Bushings
Chain Channels
Conveyors
Rubber Extrusion
- P-Seals
- T-Seals
- Dock Fenders
- U-Channels
FRP Platforms
- Walkways
- Staircases
Gaskets
Pulleys
Rollers
- Rubber Rollers
- Urethane Rollers
- FDA Approved Rollers
Scrapers
Screens
Shock Pads
Sheaves
Sprockets
Liners
- Chute Liners
- Conveyor Liners
- Cyclone Liners
- Hopper Liners
- Storage Bin Liners
- Surge Bin Liners
- Silo Liners
- Truck Liners
- Dump Truck Liners
- Asphalt Truck Liners
Washers
Wheels
Wear Strips
Wear Pads
- Outrigger Pads
- Impact Pads
- Pile Driver Pads/Cushions
- Structural Isolation Pads

Six branches across North America

- Edmonton, AB
- Vancouver, BC
- Prince George, BC
- Atlanta, GA
- Woodland, WA
- Spokane, WA