Molded & Vulcanized Rubber
Known for its elasticity, anti-vibration and abrasion properties; Industrial rubber is compression molded to make an almost infinite variety of mechanical parts, from washers & bushings to molded boots, mounts & springs.

Cast Polyurethane
Polyurethanes can outperform traditional wear materials up to 8x longer due to their extraordinary physical properties. From just a few grams up to castings exceeding 1,000kg's; parts of almost unlimited size and complexity can be achieved for products such as chute-liners, wheels, beltscrapers, anti-vibration bumpers and pump impellers.

Sheet Rubber (Roll & Cut-to-size)
Provided as full-rolls or take advantage of our cut-to-size service, we provide blocks, sheets, strips and other custom cut shapes of rubber sheet. Available in 27 different materials, we offer elastomer sheet for every application from an extensive sheet inventory.

Seals & Gaskets
Gasket and seal solutions including: metallic gaskets, non-asbestos, compressed fibre, PTFE and rubbers in a full range of standard ANSI flange sizes and pressures, manufactured with a precision CNC Flash Cutting Machine.

Pulleys, Wheels & Rollers
For new parts or alternatives to OEM replacement of rubber coverings and lagging; we offer cost effective alternatives in high wearing coatings to re-coat and re-cover your metal cores. Forestry, Digital Printing, Industrial processing and conveying are typical applications.

Matting
All matting can be supplied in full roll, sheet and tile format, as well as custom fabricated, bonded or cut-to-fit complex floor geometries.

Elastomeric Bridge Bearings
Engineered load bearing pads in a variety of configurations for Bridges, Structures & Equipment. Plain, Reinforced & bonded to steel, MOTH testing upon request with AASHTO and CAN/CSA-S6 compliance.

Extruded Profiles
A wide range of rubber materials are extruded in both standard and custom profiles for sealing, edge-protection and weather-stripping. Custom dies can be made to your spec for innovative new extrusion requirements.

Rubber Bonded to Metal
Offering both hot-vulcanizing and cold bonding of rubbers to metals for liners, impact pads, wear-bars, concentrators, chemical tanks and pipe fittings. StrongBond™ (chloroprene adhesive) for cold vulcanizing is also available.

PTFE Slides, Seals & Bearings
Commonly used for its exceptional coefficient of friction and chemical resistance, we bond PTFE to stainless steel, rubber or other substrates as well as offer machined components for every application. We also offer machined metal components to complement the elastomeric components of your assembly.

Custom Fabrication
Do you require non-standard or uniquely configured rubber parts? Redwood Plastics and Rubber can splice, bond, laminate and custom-build complex rubber parts for every application.
**COMMERCIAL GRADES**

**Redco™ SBR CG60, CG80**  
**Designation:** SBR  
**Duro:** 50A, 60A, 80A  
**Type:** Commercial grade  
**Advantage:** Economical, balanced range of properties  
**Temp Range:** -30°C to 82°C (-22°F to 170°F)  
**Limitation:** Some chemicals & extreme temperatures  
**Uses:** Most common industrial grade of sheet rubber.

**Redco™ NEO CG50, CG60, CG80**  
**Designation:** CR, Chloroprene, Neoprene  
**Duro:** 50A, 60A, 80A  
**Type:** Commercial grade  
**Advantage:** Economical, balanced range of properties  
**Temp Range:** -30°C to 82°C (-22°F to 170°F)  
**Limitation:** Some chemicals & extreme temperatures  
**Uses:** Most common industrial grade of sheet rubber.

**Redco™ EPDM CG60**  
**Designation:** EPDM  
**Duro:** 60A  
**Type:** Commercial grade  
**Advantage:** Performs well in elevated temperatures  
**Temp Range:** -30°C to 104°C (-22°F to 220°F)  
**Limitation:** Limited oil & hydrocarbon resistance  
**Uses:** Seals, weatherstrip, gaskets, etc.

**Redco™ NBR-CG60**  
**Designation:** NBR, Nitrite, BUNA-N  
**Duro:** 60A  
**Type:** Commercial grade  
**Advantage:** Economical range of balanced properties with additional oil resistance  
**Temp Range:** -30°C to 82°C (-22°F to 170°F)  
**Limitation:** Limited mechanical & chemical properties  
**Uses:** Industrial parts, gaskets, bench-top liners, etc.

**Redco™ SBR CCG60 Packing**  
**Designation:** SBR, Cloth Insertion, Packing  
**Duro:** 60A  
**Type:** Commercial grade  
**Advantage:** Improved puncture, tear & creep resistance  
**Temp Range:** -30°C to 70°C (-22°F to 158°F)  
**Limitation:** Used when stresses are static in nature  
**Uses:** Packing, aprons, spray-skirts, etc.

**Redco™ NEO CCG70**  
**Designation:** CR, Chloroprene, Neoprene, Cloth Inserted  
**Duro:** 70A  
**Type:** Commercial grade  
**Advantage:** Tear and puncture resistance  
**Temp Range:** -30°C to 82°C (-22°F to 180°F)  
**Limitation:** Chemicals, temperature, pressure and dynamic stress  
**Uses:** Packing

**COMMERCIAL GRADES**

**Redco™ CCNEO Sponge/Plain**  
**Designation:** Neoprene  
**Density:** Soft, medium and firm  
**Type:** Commercial grade  
**Advantage:** Resistance to flex, weathering and cracking  
**Temp Range:** -40°F to 20°F (-40°C to 210°F)  
**Limitation:** Limited abrasion resistance, limited petrochemical resistance and fair compression set values  
**Uses:** Shock mounts, anti-vibration dampers, metal/tank liners, electrical insulations.

**Redco™ IIR-CG60**  
**Designation:** Butyl (isobutylene-isoprene) IIR  
**Duro:** 60A  
**Type:** Commercial grade  
**Advantage:** Excellent gas impermeability and weather resistance. Low resilience makes for an excellent vibration isolator  
**Temp Range:** 20°C to 100°C (+4°F to 212°F)  
**Limitation:** Limited abrasion resistance, limited petrochemical resistance and fair compression set values  
**Uses:** Shock mounts, anti-vibration dampers, metal/tank liners, electrical insulations.

**Redco™ CSM-CG60 Hypalon™**  
**Designation:** Hypalon (Chlorosulphonated Polyethylene, CSPE, CSM)  
**Duro:** 60A  
**Type:** Commercial grade  
**Advantage:** Excellent oxygen and ozone resistance coupled with abrasion resistance  
**Temp Range:** -30°C to 120°C (-22°F to 248°F)  
**Limitation:** There are a wide range of specialty Hypalon compounds with various limitations  
**Primary Use:** Inflatable boat (RIB) components, Marine fenders and wear-pads, waterproofing liners and patches.

**Redco™ CCNBR**  
**Designation:** NBR (Buta) Sponge  
**Density:** C42 Medium Sponge  
**Type:** Commercial grade  
**Advantage:** Improved oil resistance over CC Neo sponge  
**Temp Range:** -40°C to 121°C (-4°F to 250°F)  
**Limitation:** Compression-set & tear resistance  
**Uses:** Seals, gaskets, weather-striping, etc.

**Redco™ CG-S560, SS85**  
**Commercial Grade Silicone**  
**Designation:** Silicone  
**Duro:** 60A, 85A  
**Advantage:** Temperature resistance, resilience, release properties  
**Temp Range:** -60°C to 230°C (-76°F to 446°F)  
**Limitation:** Abrasion resistance & tear strength  
**Uses:** Gaskets, shirts, seals, glass setting blocks, etc.

**Redco™ Protivility™ Matting**  
**Designation:** Protivility™ Series Industrial Matting  
**Configuration:** Ribbed, plain, button-top, diamond, anti-fatigue  
**Temp Range:** -30°C to 80°C (+4°F to 176°F)  
**Uses:** Runner matting, floor covering, floor protection, employee comfort, etc.

**PREMIUM GRADES**

**Redco™ Safeguard™**  
**Designation:** Nat, Gum Rubber, NR, Prep-back  
**Duro:** 40A, 45A, 38A  
**Type:** Premium  
**Advantage:** Exceptional abrasion resistance  
**Temp Range:** -40°C to 83°C (-40°F to 181°F)  
**RED (38A):** -40°C to 80°C (-40°F to 176°F)  
**ORANGE (45A):** -25°C to 80°C (-13°F to 176°F)  
**Limitation:** Weathering (ozone & UV)  
**Uses:** Slurry tank & pipe liners, cement socks, sleeves and chute liners, conveyor skirpers, gaskets, etc.

**Redco™ Neptune™**  
**Designation:** Silicone, EPDM, Nitire, Sponge  
**Duro:** 60A (Blue)  
**Type:** Premium  
**Advantage:** Easily identify contamination in food and beverage processing  
**Temp Range:** -40°F to +20°F (-40°C to +200°F)  
**Limitation:** Dependent on your specifications  
**Uses:** Skirting, gaskets, seals, spray aprons, food and beverage applications, etc.

**Redco™ EPDM P60, P60FDA**  
**Designation:** EPDM  
**Duro:** 60A  
**Type:** Premium grade  
**Advantage:** High temperature & steam resistance  
**Temp Range:** -45°F to +121°C (-49°F to +250°F)  
**Limitation:** Limited oil and hydrocarbon resistance  
**Uses:** Steam contact parts, food equipment aprons, skimmers & wipers, edge-seal profiles, etc.

**Redco™ NBR-P60, P60FDA**  
**Designation:** NBR, Nitire, BUNA-N  
**Duro:** 60A  
**Type:** Premium grade  
**Advantage:** Outstanding oil resistance and excellent mechanical properties  
**Temp Range:** -40°F to +171°C (-40°F to +200°F)  
**Limitation:** Limited use in extreme cold, limited resistance to polar liquids, oxidizing agents and chlorides  
**Uses:** Machinery gaskets, heat & oil resistant parts, hoses, sleeves, food processing parts, etc.

**Redco™ NEO P60**  
**Designation:** CR, Chloroprene, Neoprene  
**Duro:** 60A  
**Type:** Premium grade  
**Advantage:** Excellent resistance to abrasion, oils & weathering, Flame retardant  
**Temp Range:** -29°C to +88°C (-20°F to +190°F)  
**Limitation:** Reduced performance at temperatures below 15°C  
**Uses:** Gaskets, impact pads, wear pads, seal strips.

**Redco™ Vitlon P70**  
**Designation:** FKM  
**Duro:** 70A  
**Type:** Premium grade  
**Advantage:** Extraordinary properties save downtime, production losses and maintenance costs  
**Temp Range:** -26°C to +205°C (-15°F to +400°F)  
**Limitation:** Poor resistance to esters and ketones  
**Uses:** O-rings, gaskets, seals, diaphragms, hose sections, pump components, etc.

**Redco™ NEO PN170**  
**Designation:** Reinforced Chloroprene  
**Duro:** 70A  
**Type:** Commercial grade  
**Advantage:** Excellent resistance to burst, tear and puncture  
**Temp Range:** -29°C to 100°C (-20°F to 212°F)  
**Limitation:** Reduced low-temperature abilities below -15°C and limited chemical compatibility  
**Uses:** Diaphragms, gaskets, grommets, engineered parts, etc.

**Redco™ EPDM PIN60**  
**Designation:** Reinforced EPDM  
**Duro:** 60A  
**Type:** Premium grade  
**Advantage:** Mullen burst resistance of 600 PSI minimum  
**Temp Range:** -45°F to 121°C (-49°F to 250°F)  
**Limitation:** Limited resistance to hydrocarbons & oxidizing agents  
**Uses:** Diaphragms, fabricated assemblies for dust control, high-temperature water-box seals and spray aprons, etc.