



The Rubber Group excels in solving complex challenges for mission critical, high reliability applications. With comprehensive expertise in rubber chemistry, we engineer custom material formulations that achieve your exact performance requirements.

Manufacturing Facilities



Laconia, NH

30k sq/ft +

Bearing Seal Specialty

Stamping

Mold Making



Rochester, NH

30k sq/ft +

Headquarters

Widest Capabilities



Northlake, IL

15k sq/ft +

AS9100D

Silicone Focused

Extrusion & Waterjet

Focus on Materials / Processes to Enhance Performance & Mitigate Risk

Company Details



- Established 1986
- 120+ employees
 - 12 Engineers & Chemist
- 78 molding machines
 - 9 injection
 - 69 compression
- Cutting
 - Dies
 - Water-Jet
- Extrusion
- Metal Stamping
- Mold Design & Manufacture



Technical Expertise



Core Competencies

- **Material Formulations** – Proven functional reliability & highly custom formulations to enhance performance and reduce downtime. (FFKM, FKM, HNBR, AFLAS, AEM, NBR, CR, VMQ, FVMQ, NR, SBR, EPDM)
- **Design and Testing**- Product design, prototyping, validation and testing - focus on reliability – leverage polymer expertise to facilitate rapid development
- **Precise Manufacturing** – Extremely tight tolerances – diverse molding capabilities – operational excellence
- **Quality**- Mature culture of risk assessment and mitigation – create highly reliable processes – enforce strict controls – invest in the best available tools

Materials Expertise

- **High Performance Sealing**– Low compression set and stress relaxation, fluid resistant, high and low temperature capable. Specialty formulations to service every environment.
- **Biocompatibility** – Since 1996, TRG's **Medlast™** series of USP VI implantable grade silicones are formulated for a variety of applications.
- **Electrical Transmission & Distribution**– Excellent insulation, high dielectric strength, thermal stability, water, UV & ozone resistance.
- **Aerospace & Defense**- Low outgassing, flame resistant, low smoke volume and toxicity. Decades of proven service in the air, on land and under the sea.

Custom Solutions Offered by The Rubber Group



Custom Molded & Extruded Products

- Injection, Compression & Transfer Molding
 - Up to 48" x 78" compression platen size
 - Up to 32" x 39" injection platen size
 - Waste-less and Flash-less options
- Over Molding & Rubber Bonding on all materials
 - Sourcing of custom components and inserts
- Extruded Profiles
- Engineering
 - Material Formulation
 - Products



Specialty Custom Products

- High Performance Seals
- Boots & Bellows
 - Environmental Protection
- Fabric Reinforced Diaphragms
- Complex Large Molded/Extruded Shapes
- Gaskets incl. EMI/RFI shielding
- Class VI for medical and other sensitive applications
- Conductive and Resistive products for electrical and power distribution
- Bearing Seals



Present a problem and we will deliver a solution!

Your Demands Are Extreme. Our Materials Are Up to the Challenge.

We provide high-performance rubber solutions built to thrive in environments with aggressive fluids, wide temperature swings, and extreme pressures—so you can count on performance when it matters most.

Reliability Where It Matters Most

Our products are engineered for 100% performance in critical and safety-related applications—no matter the environment. Repeatable controlled processes create predictable outcomes.

Precision Matters. Especially Under Pressure.

We deliver complex geometries with tight control over tolerances, surface finish, flatness, and parallelism—essential for peak performance in demanding environments.

Speed, Flexibility, and Service You Can Count On

We deliver rubber components on schedule with short lead times, flexible sales terms, and dedicated support—so your production keeps moving without disruption.

Commitment to Quality



- ✓ ISO 9001:2015
- ✓ IATF 16949: 2016
- ✓ AS9100: 2016
- ✓ FDA: Registered to Manufacture Medical Devices
- ✓ ITAR Compliant and Registered
- ✓ PPAP
- ✓ CCR Registered 0AA66
- ✓ IQ / OQ / PQ
- ✓ Process Capability Studies





THE
RUBBER
GROUP

Designing Solutions, Delivering Results