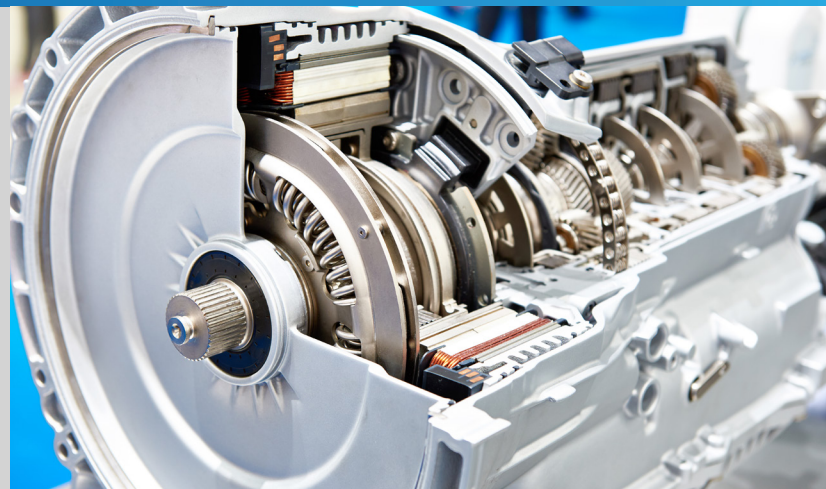


Automotive Components



Specialists in precision molding of high-performance bearing-grade plastics in high volumes

When friction, sealing, dimensional stability and wear are crucial, rely on us. We'll deliver the high-performance seals, thrust washers, and other critical-to-function components your system needs to run smoothly and efficiently.



Precision Plastic Seals



Thrust/Wear Components



Complex Geometries



Our experienced team of engineers and technicians will work closely with you to design, test and manufacture the tight-tolerance parts for your transmission, clutch and powertrain applications. And we'll do it with exceptional consistency — zero PPM — in high volumes at our state-of-the-art facilities.

We already produce more than 80 million precision plastic seals alone for the world's top automotive companies and original equipment manufacturers.



Depend on us to meet demanding requirements in high volumes



Comprehensive facilities and integrated capabilities:

- Injection molding of engineered and high-performance plastics
- Custom designed seal geometries
- Metal to plastic conversions
- High-performance bonding – metal to plastic, metal to rubber, plastic to plastics and plastic to rubber
- Custom material formulation
- Insert molding

Superior engineering and technical expertise:

- Preliminary engineering assistance and mechanical design review
- Mold design and development with complete prototype services
- Design for Manufacturability (DFM)
- Process engineering, including mold flow analysis, functional testing and leak testing
- Non-linear FEA
- Materials engineering, including specialty compounds

Robust quality and processes:

- Global IATF Certification
- Environmental Management System registered to the International Standards Organization series ISO-14001
- Mature Lean Six Sigma program
- ISO Class 7 and Class 8 clean rooms

Contact us to learn more today!

Minnesota Rubber & Plastics

1100 Xenium Lane N
Minneapolis, MN 55441

952-927-1400
mnrubber.com
marketing@mnrubber.com

 @mnrubber

 minnesota-rubber-and-plastics



For more than 70 years, Minnesota Rubber & Plastics has helped world-class organizations solve the most difficult sealing and component challenges.

We develop highly engineered, critical-to-function custom-molded solutions for the Medical, Water, Food & Beverage, Automotive, Specialty Industrials and Infrastructure markets.

We can support our customers wherever they do business — and our global footprint spans North America, Europe and China.

