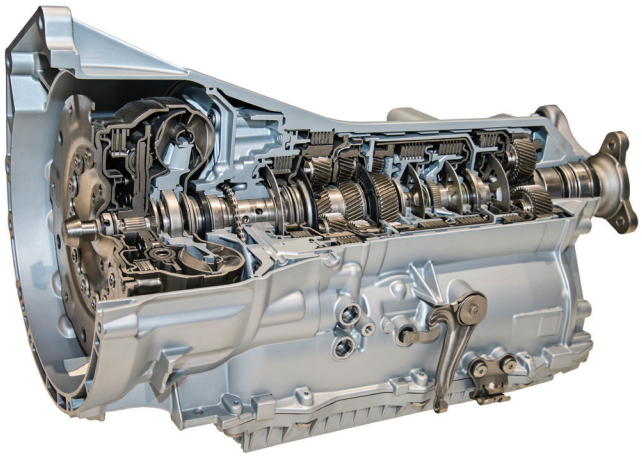
Transportation Components

Minnesota Rubber & Plastics
Quadion LLC

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



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 transportation companies and original equipment manufacturers.

Precision Plastic Seals

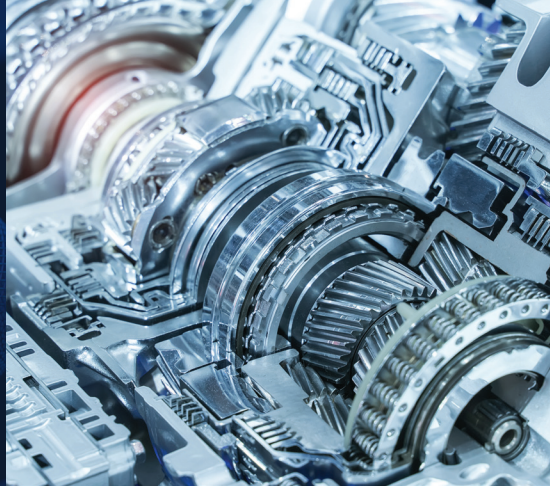
Thrust/Wear Components

Complex Geometries

CERTIFIED IATF 16949:2016 COMPANY

CERTIFIED ISO 14001:2015 COMPANY

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
- Class 10,000 (ISO 7) and Class 100,000 (ISO 8) clean rooms

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