

# Medical Components

Specialists in high-performance materials design, molding and manufacturing

From proposal through design to delivery, we take your business as seriously as we take molding advanced materials and manufacturing critical-to-function parts.

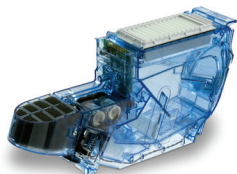
## Custom Rubber & Silicone



## High-Performance Plastics



## Integrated Assemblies



We specialize in formulating, designing, manufacturing and assembling rubber, silicone, and high-performance thermoplastics for a wide range of critical medical applications:

- Structural heart
- Cardiovascular
- Diabetes
- Diagnostics
- Drug delivery
- Minimally invasive surgical technologies
- And more.

# Rely on us to advance your medical device programs



## Comprehensive facilities and integrated capabilities:

- Rubber and LSR molding
- High performance bonding – metal to plastic, metal to rubber, plastic to plastics and plastic to rubber
- Custom material formulation
- Injection molding of engineered and high-performance plastics
- Sterile packaged assemblies and sub-assemblies
- Custom designed seal geometry
- Insert molding
- Rubber to TPE conversions
- Metal to plastic conversions

## Superior engineering and technical expertise:

- Preliminary engineering assistance and mechanical design review
- Materials engineering, including specialty compounds
- Rapid 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

## Robust quality and processes:

- FDA registered, ISO 13485, ISO-TS 16949 and ISO 9000 certifications
- Class 10,000 (ISO 7) and Class 100,000 (ISO 8) clean rooms
- Environmental Management System registered to the International Standards Organization series ISO-14001
- Drug Master Files
- Many materials are compliant with ISO 10993, USP Class VI, and U.S. Food and Drug Administration requirements
- Mature Lean Six Sigma program

## Contact us to learn more today!

**Minnesota Rubber & Plastics**  
1100 Xenium Lane N  
Minneapolis, MN 55441

USA: 1 (800) 927-1422  
Asia: +86-512 6273 2700  
Europe: +33 (0)2 32 22 24 26  
mnrubber.com  
customerservice@mnrubber.com

 @mnrubber

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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, Transportation, Water, and Food & Beverage markets.

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

