



# Robin Industries Sealing Solutions



[robin-industries.com](http://robin-industries.com)

# Designing and Manufacturing Seals and Sealing Solutions

While relatively small in cost, seals are often the most important components in a product, system or assembly. Our engineering team understands that seals must be carefully designed and manufactured to ensure optimal performance in their application.

As a leading full-service designer and manufacturer of seals and sealing solutions since 1948, Robin Industries offers a broad range of capabilities, and continually implements new technologies to meet the changing needs of our customers. This footprint makes Robin Industries an exceptional resource for your sealing solutions.

Robin Industries is a growing company that has embraced the challenge to explore and develop a variety of manufacturing methods. Our goal is to maximize our ability to provide quality sealing products and services that meet or exceed our customer's requirements.

*Manufacturing components since 1948*

## **Sealing applications generally fall into one of three groups:**

- Static – no movement.
- Reciprocating - linear motion
- Rotary - high speed rotation

*Robin Industries will recommend a design solution to meet or surpass the requirements for the specific type of application.*

## **Molding Technologies:**

- Injection Molding (HCR)
- Liquid Injection Molding (LIM)
- Rubber Overmolding
- Low Waste and Flashless Tooling
- Transfer Molding
- Compression Molding

*The variety of our molding technologies allows Robin the flexibility to produce seals using the most efficient method possible.*

## Design Engineering & Capabilities – Full Service:

- Design Assistance
- Design for Manufacturability
- Versatility to work at any stage from concept through seal validation
- Complete project management
- Expertise in polymer technology as well as plastics, metals and other materials
- Finite Element Analysis (FEA) to drastically reduce design and development cycle time
- Prototyping techniques to provide quick test samples
- Product Testing
- Customer Validation
- Production – fully integrated manufacturing facilities

*Robin engineers are completely involved at all stages from design and material development through full scale production to ensure customer satisfaction.*





*Quality Certificates:*

ISO 14001  
ISO 13485  
ISO 9001  
ISO/TS 16949

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