



# Automotive Solutions

We provide customers with product design, material development, prototyping, and launch into production for complete project management for new products.



## *Quality Certificates*

IATF 16949  
ISO 13485

ISO 9001  
ISO 14001

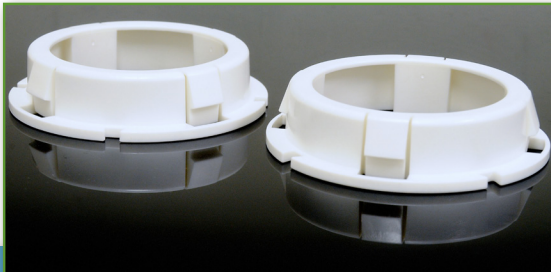
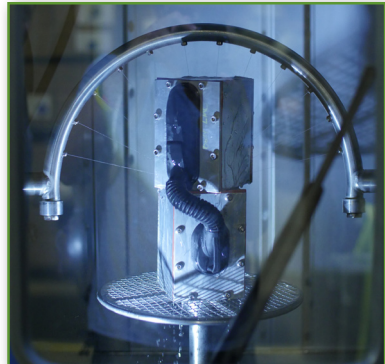
[robin-industries.com](http://robin-industries.com)



## Grommets and Retainers

As a leading full-service designer and manufacturer of automotive grommets and retainers, Robin has complete design, material development and grommet/retainer testing capabilities to support every engineering need through prototype into production.

Robin Industries strives to provide value-added recommendations to improve grommet performance and reliability, while also optimizing cost and value over vehicle program life.





## Connector Seals

As a full-service designer and manufacturer of seals and sealing solutions for the automotive industry we offer a broad range of design, material development, and testing capabilities.

Whether you're looking for a convenient way to connect individual wires or to simply protect your existing wire/cable, it's important to have the right design for sealing solutions, and Robin is ready to assist.

We have a high level of experience in Hybrid and Electric Vehicle sealing and protection systems.



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

*Manufacturing automotive components since 1948*



## Brake and Powertrain Seals

Serving the ever-changing technology of the brake and powertrain market with design, prototype through production solutions, Robin also uses Finite Element Analysis (FEA) to ensure optimal seal designs.

Robin will recommend a seal design solution to meet or surpass the requirements for the specific type of application – covering static, reciprocating or rotary motions.

Robin employs state of the art vision systems and clean, environmentally controlled manufacturing environments to ensure seal quality in critical safety markets.



# Other Components for Automotive Solutions



Robin is also known as a premium provider of a variety of additional automotive components. Whether molding various rubber compounds, plastics or overmolds of rubber to metal/rubber to plastic, Robin has the expertise to assist with your needs.

Robin has cutting-edge experience in molding components for several new automotive markets to include – Hybrid, Electric and Driverless Vehicles, Vehicle Safety Assist and Integrated Brake Control. Our ability to provide product solutions utilizing our broad design engineering and material development capabilities allows us to help surmount the many challenges of today's rapidly changing vehicle systems.

## ***Automotive Components Include:***

- Battery Terminal Covers
- Bonded Assemblies
- Boots
- Bushings
- Engine Mounts
- Isolators
- Lighting
- Overmolds
- Protective Boots
- Vibration Damping
- Wireharness Components



# OVERVIEW

## Molding Technologies:

- Injection
- Liquid Injection
- Thermoplastic
- Transfer
- Compression

## Overmolding Capabilities:

- Rubber-plastic overmolding
- Rubber-metal overmolding

## Manufacturing Capabilities:

- Handle Many Vehicle Platforms
- Secondary Operations:
  - Assemblies
  - Printing
  - Packaging

## Manufacturing Services:

- 3D Printing
- Design to function in the environment
- Expert Engineering
- Full Production
- In-house Development Center
- Quick Prototyping



*Manufacturing automotive components since 1948*

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