

PRODUCTS

Molded Rubber

Many of the world's leading original equipment manufacturers rely on RL Hudson for a wide range of molded rubber components. Our designers and rubber chemists work to develop the best, most effective product designs for each customer application. Once a component is designed, our unique business model gives us the flexibility to produce it using the right process and the right materials at the right price.

COMMON MOLDING PROCESSES **Compression Molding** involves placing the uncured rubber compound into a heated, open mold cavity, then closing the mold under pressure (usually in a hydraulic press) to initiate vulcanization (curing). **Transfer Molding** requires the uncured rubber compound to be placed in a transfer chamber, heated, then forced into the mold cavity under pressure until cured. **Injection Molding** entails preheating uncured rubber in a chamber, then injecting it into a closed, heated mold.

Because transfer and injection molds remain closed throughout the molding process, they are generally capable of producing more intricate and consistent parts than compression molds. Though they're more expensive to produce, transfer and injection molds also allow for higher temperatures, shorter cure times, and reduced finishing costs.

LET US HELP RL Hudson has extensive experience and expertise in the design and production of molded rubber parts for a wide range of applications and industries. Our designers and material development specialists have the training and sophisticated tools needed to ensure that the parts we supply will perform as intended. Let us help you get the right molded rubber part for your next project.

RL Hudson Molded Rubber Components Include:

- Boots / Bellows
- Bumpers
- CARB / EPA Products
- Check Valves
- Covers
- Diaphragms
- Flexible Couplings
- Floor Mats
- Fuel Tubes
- Grommets
- Handles
- Hoses
- Impellers
- Latches / Straps
- Overmolded Products
- Pedal Covers
- Primer Bulbs
- Spark Plug Boots
- Tubes
- Vibration Isolators

