

PRODUCTS

Molded Plastic

RL Hudson supplies a comprehensive range of molded plastic products to some of the world's leading original equipment manufacturers. Many plastics suppliers specialize in just one type of molding process, or offer a limited range of resins. This means their customers must maintain a large base of molded plastic suppliers. It also means their customers' design teams have to know which molding process is best for any given design. At RL Hudson, our designers work to develop the best, most effective product design for each application, regardless of material or molding process. And our unique business model gives us the flexibility to produce the component using the right process and the right materials at the right price.

DESIGN Utilizing Pro/ENGINEER® solid modeling design software in conjunction with sophisticated analytical engineering tools such as Abaqus® (FEA), Plastic Advisor® and Moldflow®, our design engineering team collaborates with our customers to develop cost-effective solutions to their problems. In addition to extensive design and process analyses, we also conduct product validation tests to verify designs and ensure that our products will perform effectively in our customers' applications.

CONVERTING METAL PARTS TO PLASTIC We have extensive experience with metal-to-plastic conversions. Replacing metal with plastic can offer a number of advantages, including reduced weight, lower costs, and greater flexibility. Unlike metals, plastic materials can be easily configured to best suit a particular application. Plastics also allow for choices in molding, making plastic more versatile than metal in many instances. Also, when designed properly, plastic parts can match or exceed the physical strength of metal.

LET US HELP The RL Hudson team has the expertise needed to design molded plastic parts for a wide range of applications and industries. Our designers have the training and sophisticated tools required to ensure that parts are designed for efficient production and optimum performance. Let us help you get the right molded plastic part for your next project.

RL Hudson Molded Plastic Components Include:

- Air Filters
- Bellows
- Brackets
- Bushings
- Caps & Tanks
- Channels
- Covers & Plugs
- Ducts
- Fill Tubes
- Fittings
- Fuel Filters
- Handles
- Hole Plugs
- Impellers
- Linkages & Levers
- Oil Strainers
- Plastic Fasteners
- Spacers

