

GALLAGHER
PRECISION POLYURETHANE MOLDING

Experience
Makes the
Difference for
Precision
Molded
Parts



Full-Service
Custom Molding

- Polyurethane Specialists
- Liquid Castings
- Injection Molding
- Finishing



Experience You Can Trust

Gallagher Corporation was founded in 1965 by Dick Gallagher, who worked on the team that commercialized “Adiprene” polyurethane rubber while a development chemist at DuPont. Since then, the company has been proving that experience makes the difference. We continuously deliver on the toughest demands for a variety of industries including:

**Agriculture • Construction • Exercise Equipment • Metal Forming
Military • Mining • Oil & Gas • Pulp & Paper • Tools • Transportation**





Engineering Expertise

We turn demanding requirements into success.

We are experienced with a range of polymers, and we excel at developing new products and migrating existing plastic, metal or rubber products to urethane.

Not every molder can handle the complexities of polyurethane molding, but our experienced engineers have solved an array of challenges – and our customers benefit from that experience. We help address new performance challenges and changing market demands. Our expertise in materials, tooling and process design can save both time and money.

We can create resilient parts as soft as 30A or as hard as 75D . . . parts weighing 1/10 oz. or 2,000 pounds . . . a single prototype or millions of pieces.

Some Key Applications

- Polyurethane molded to steel track on construction equipment provides outstanding abrasion resistance and traction
- Close tolerance suspension components for trucks including bearings and seals
- Polyurethane components for increased service life in marine applications

Your Toughest Demands Delivered

OEMs count on Gallagher for collaboration and help with everything from material selection and design assistance to secondary machining operations that can make the difference in cost, performance and value. Our comprehensive capabilities, dedication to quality and customer service make us a preferred supplier for addressing difficult manufacturing challenges – especially those involving polyurethane.

Full-Service Custom Manufacturing

- Application engineering assistance
- Product development and improvement
- In-house mold making capability
- In-house precision machining for inserts and molded product



Manufacturing Capabilities

- Liquid Casting (computer controlled casting machines)
- Compression Molding / Transfer Molding
- Injection Molding (85- to 750-ton presses) glass-reinforced plastics / thermoplastic urethanes and other elastomers
- Contract Manufacturing
- Machining / Grinding / Shearing
- Die Cutting / Water Jet Cutting
- Laser Engraving / PSA





Gallagher in Motion

- Gallagher has produced millions of durable moving parts known as doffers for heavy-duty harvesting equipment.
- Many material handling systems rely on Gallagher for wear-resistant components in contact with other parts that are in constant motion.
- Gallagher custom-compounded a polyurethane to replace rubber casters that couldn't take the heat. The new material withstands up to 300°F, extends service life by three years, and is kind to floors.
- Close tolerance molding and machining improved flex life and eliminated premature breakage on sprockets for a world-class conveyor manufacturer.

Quality and Commitment

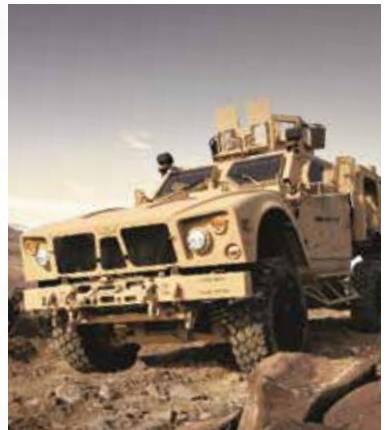
Our ISO-9001-certified manufacturing facility produces parts to meet a range of quality specifications. As part of our commitment to Quality, we are continuously improving our operations with new machinery, new processes and new materials to meet your evolving needs.

It's all part of a culture of commitment to your needs that you'll find only when you partner with Gallagher . . . where you can be confident that you'll always have your toughest demands – delivered.



Quality and precision are important throughout our engineering, molding and machining operations at our 100,000 sq. ft. ISO 9001-certified facility in Gurnee, Ill. Quality also extends to customer relationships. We thrive because we believe in growing with our customers and reinvesting in our business.

Gallagher Corporation is a Charter Member of the Polyurethane Manufacturers Association (PMA), an international organization dedicated to technical and quality excellence.





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