

Iris Rubber Company, Inc.

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Design, Engineer and Prototype Development



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Iris Rubber is a complete mold shop offering design, engineering, and prototyping services under one roof. We can build prototypes from your rough sketches or ideas within short lead times. In-house mold making capabilities ensure accurate die-cast quality finishes for products. This reduces the need for further machining operations.

We also work with pre-existing mold designs to develop new products. The 500-ton presses at our machine shop are capable of handling material up to 48" x 60" in size. Parts are finally trimmed and finished through cryogenic deflashing processes. Our processes deflash parts quicker than chemical stripping, rotary tumbling, or hand sanding operations. Emergency production, on-site design assistance, and product referral services are provided as well.

SPECIFICATIONS

Services	Prototyping New Product Development Tooling and Mold Making On-site Design Assistance Engineering Emergency Production
Other Process Capabilities	Compression Molding Transfer Molding Rubber to Metal Bonding Cryogenic De-Flashing
Production Volume	One Piece to Hundreds of Thousands
Equipment Used	Cryogenic De-Flashing System Presses Ranging up to 500 Tons
Platen Size	48" x 60"
Rubber Compounds	SBR Ebonite EPDM Neoprene Natural Rubber Urethane Nitrile Rubber Butyl Silicones And Many More
Service Advantages	Complete Mold Shop Compounds: Ranging from Natural to Exotic Extremely Competitive Tooling Short Lead Times Single Source for Metal & Non-Metal Inserts

Industries Served	Aerospace Agriculture Construction Construction Tools Corrugated Container Custom Machinery Diesel Engine Glass Heating & Air Conditioning Lawn & Garden Medical Military Plating & Masking Process Plants Road Equipment Wire Drawing
Typical Products	Inflatable Air Bags Inflatable Lifting Bags Rubber Mallets (Rubber Hammers) Masks (Plating or Paint) Skate Stops (Toe Stop) Feeder Feet Custom Engineered Parts Seals Molded Gaskets Bumpers Rolls Contact Wheels Ladder Shoes Stoppers Sanding Pads Backing Pads Suction Cups Vacuum Cups Vibration Mounts Motor Mounts Plugs And Many More
Design Software Used	AutoCAD Solidworks
Acceptable File Formats	DWG DXF GIF JPEG PDF