

Custom Seals



Advanced molding techniques
for the highest quality
custom rubber seals.

 Apple Rubber

applerubber.com

Custom Molded Shapes

At Apple Rubber, our advanced molding capabilities allow us to custom mold any shape required, from prototype to production. High-precision molding machines provide compression, transfer and injection molding seamlessly. Our in-house mold making capabilities contribute to the highest quality parts.

Examples of Custom Molded Shapes

- » Housing Seals
- » Composite Seals
- » Torque Lock Seals
- » FilterSeal™
- » Rubber Grommets
- » Vibration Mounts
- » Rubber Bellows and Boots
- » U-Cups and Lip Seals

Advanced Molding Equipment

Apple Rubber uses the latest technology and equipment for molding. Some of our most efficient molding processes include:

- » Advance rubber injection machines
- » High precision Liquid Silicone Rubber injection (LSR)
- » Vacuum compression and transfer presses

The Materials We Use

- » NBR (Nitrile): Fuel and oil resistance
- » EPDM (Ethylene Propylene): Weather and ozone resistance, water seals
- » FKM (Fluorocarbon): Chemical resistance, low outgassing, high-temperature resistance
- » CR (Chloroprene): Some oil and weather resistance, Freon application
- » VMQ (Silicone): Low and high-temperature resistance
- » FVMQ (Fluorosilicone): Fuel resistance
- » FFKM (Perfluoroelastomer): Highest chemical resistance





Trusted Quality Assurance

At Apple Rubber, we pride ourselves in providing the highest quality products for our customers. Our operating process is quality certified, with documentations including:

- » ISO 9001 / AS 9100 Certifications
- » AS 9102 First Article Reports
- » Certificate of Conformance
- » AppleLab®: Advanced material testing and dimensional capabilities
- » ISO Class 7 Cleanroom

The Future of Sealing

Today's advanced medical procedures and treatments have placed rigorous new requirements on medical equipment and devices. Seals and other parts in medical products are now exposed to a wider range of chemical and temperature environments than ever before.

Apple Rubber provides custom sealing solutions for tough medical applications. Our custom rubber parts and seals include:

- » Seals for medical appliances
- » O-Rings for dialyzers
- » Medical pump seals
- » IV components
- » Feeding devices
- » Implant materials
- » Seals for non-implantable



One Source for All Your Sealing Needs

Apple Rubber stocks AS568 and ISO 3601 standard sizes, most common metric sizes, plus a wide variety of non-standard o-ring sizes. Our materials meet mil-spec, medical and automotive specifications.

Apple Rubber offers expert custom molding for non-standard rubber products. With in-house tooling, we save more time and resources compared to offshore operations. We offer expertise at any level of production, from prototype to high volume tooling.

When you call Apple Rubber, you deal directly with the manufacturer. Our experienced staff provides complete and comprehensive service to help you get the correct product for your application.

Full Line of Quality Apple Rubber Products

Products:

O-Rings — standards, metrics, MicrOrings®, MacOrings®
LSR (Liquid Silicone Rubber)
Composite seals (rubber bonded to plastic or metal)
Custom-molded seals and shapes
Medical seals
Thermobonded seals
FilterSeal™
Military specs
Standard and exotic materials

Services:

Design capabilities
Prototyping and production runs
Full quality-control laboratory
Class 10,000 (7) Cleanroom
ISO 9001 / AS 9100 Certifications
ITAR Registered



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