



ENGINEERING THE FUTURE OF LIFE SCIENCE ELASTOMERICS.



Industry-best engineering assistance and design for manufacturability for medical and pharma products

Delivering the best products on time and within budget begins long before the manufacturing stage. Qure Medical™ partners closely with clients to provide efficient, accelerated launch to manufacturing. We begin by assigning a program engineer to develop and drive a five-stage gated process and provide continual client communication from contract review to product release.

To optimize product designs, every year we invest heavily in material formulation, design assistance, tooling production and automation development technology. Our A-Z vertical integration includes industry-leading custom silicone materials development and world-class mold production for LSR or HCR applications at our dedicated, state-of-the-art Engineering Center.

Vertical integration

- Material development
- Engineering support
- LIM, HCR transfer molding, elastomeric overmolding, elastomeric extrusion
- Assembly, secondary operations and packaging
- Customized testing and analytics
- ISO-certified quality control

Engineering services



Material Development

- Top proprietary formulas, DMFs
- Optimized mixing and compounding
- Polyisoprene, organic, silicone
- Meet FDA, ISO criteria

Product Engineering Assistance

- Optimize and prove-out designs
- Solidworks® 3D modeling
- ABAQUS FEA
- Design for manufacturing

Mold Development

- World-class mold-making facilities
- Advanced systems for mold longevity
- LSR or HCR high-grade materials
- Flashless, cut-in-plate molds

Automation Development

- Comprehensive automated design/build capabilities
- Lead in developing high-volume, hands-free production
- Focus on reducing time, labor, risk

Customized Testing & Analysis

- Leak, mechanical, environmental
- R&D testing
- Fail mode evaluation testing
- No-contact laser measurement
- Chemical analysis



Industry-best custom elastomeric materials

Why choose Qure Medical™?

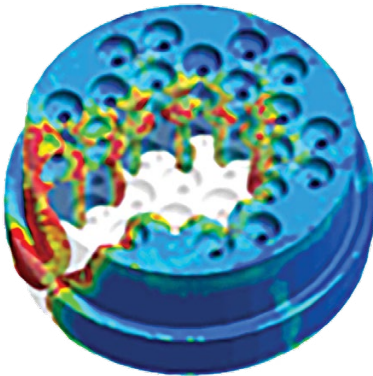
- Engineering project management to speed launch to manufacturing
- Comprehensive material development on-site
- Extensive library of proprietary formulas and FDA-registered DMFs
- Experienced engineers optimize mixing and compounding methodology
- Silicone purchasing power

Elastomeric types

- Silicone
- Polychloroprene (CR)
- Polyisoprene (IR)
- Styrene Butadiene (SBR)
- EPDM
- Nitrile (NBR)
- HNBR, Butyl (IIR)
- Halobutyl (CIIR & BIIR)
- Polyurethane (PU)
- Polymer blends



Mold development



Specialties

- Production-quality design and mold materials speed time to manufacturing
- Mold design simulation software (left) corrects defects before manufacturing
- Advanced CAM software for fit, finish

Q Medical Devices

Q Medical Devices™ is part of Q, a global leader in elastomer technology. We design, develop and produce a wide range of high-performance endosurgery, cardio and vascular medical devices as well as components and subassemblies. We provide OEM medical device solutions and branded product lines. Our services also include supply chain management, regulatory and quality affairs, private labeling and commercialization — customized to meet your needs. Q Medical Devices consists of Qure Medical™ and three product lines — DEGANIA™, BIOMETRIX™ and ARTHESYS™.



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Qure Medical

Qure Medical™ is a global provider of components, assemblies, and subassemblies for medical devices and pharmaceutical applications. Qure Medical uses world class extrusion, LSR & HCR molding, along with assembly capabilities, to create custom silicone and elastomer components like tubing, seals, valves, and stoppers. Overall, Qure Medical is able to engineer solutions that bring unmatched value and quality, satisfying a wide range of client needs.

