

ENGINEERING THE FUTURE OF LIFE SCIENCE ELASTOMERICS.



Qure Medical provides industry-best engineering assistance and design for manufacturability for medical and pharma products

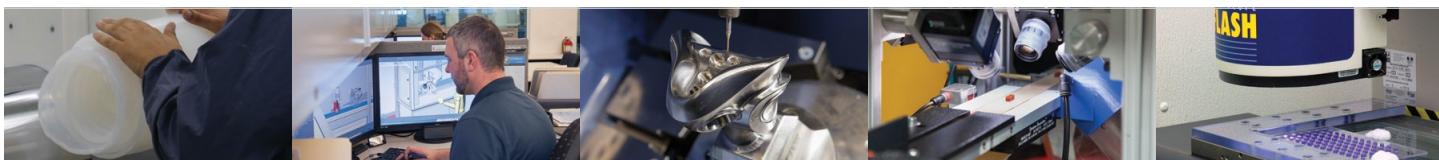
Delivering the best products on time and within budget begins long before the manufacturing stage. Qure Medical partners closely with clients to provide efficient, accelerated launch to manufacturing. We begin by assigning a program engineer to develop and drive a five-stage gated process and provide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

Qure 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 USP, EU, 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

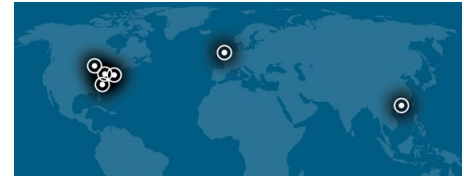
Industry-best custom elastomeric materials

Why choose Qure?

- 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

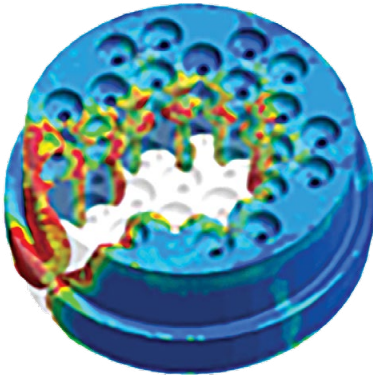
Elastomeric types

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



Qure global locations

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

Qure Medical

Qure Medical provides high-quality, integrated elastomeric solutions to medical device and biopharmaceutical manufacturers, including silicone and rubber components, silicone-based sub-assemblies and packaged products. Qure Medical is part of Q, a leading global manufacturer of highly engineered, fully assembled medical devices and elastomeric components headquartered in Solon, Ohio.

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