

# YOUR ELASTOMERIC MANUFACTURING PARTNER WHEN PRECISION MATTERS.



**The world's top medical and pharmaceutical device companies rely on Qure Medical for flawless elastomeric components.**

Qure Medical's industry-leading elastomeric capabilities and global footprint make us the partner of choice for the world's leading life science companies. With cleanroom molding and extrusion capability and ISO 13485-certified facilities, Qure produces components and assemblies that meet the strictest global standards.

Qure provides total solutions. Our vertical integration includes materials development of USP- and ISO-tested silicone or organic formulations, engineering expertise, and comprehensive mold, automation, and vision system design and fabrication. As a large-scale consumer of heat-cured silicone, we have buying power we can pass on to our clients.

### Manufacturing capabilities

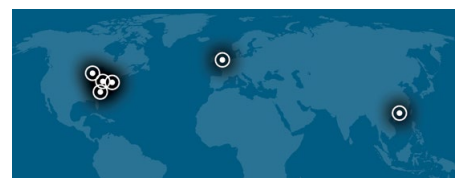
- LSR injection molding
- HCR transfer molding
- Elastomeric overmolding on various substrates
- Elastomer extrusion
- Assembly, secondary operations and packaging

### Markets and solutions

				
<b>Fluid Management</b> <ul style="list-style-type: none"><li>• Plunger tips</li><li>• O-rings</li><li>• Seals</li><li>• Diaphragms</li><li>• Syringe components</li></ul>	<b>Drug Delivery</b> <ul style="list-style-type: none"><li>• Sleeve stoppers</li><li>• Septums</li><li>• Valves</li><li>• Diaphragms</li><li>• IV components</li></ul>	<b>Medical Surgical</b> <ul style="list-style-type: none"><li>• Duckbills</li><li>• Valves and seals</li><li>• Diaphragms</li><li>• Bellows</li></ul>	<b>Acute Care</b> <ul style="list-style-type: none"><li>• Respiratory products</li><li>• Dispensing systems</li></ul>	<b>Pharma</b> <ul style="list-style-type: none"><li>• Biopharma products and assemblies</li><li>• Plunger tips</li><li>• Lyo stoppers</li></ul>

## Comprehensive elastomeric processes

	Benefits
	<b>LSR injection molding</b> <ul style="list-style-type: none"> <li>Automated for fast runs to reduce cost of custom parts</li> <li>High- and low-volume production, including prototypes</li> <li>Valve gated cold runner to reduce labor and waste</li> <li>62 presses in globally strategic locations</li> </ul>
	<b>HCR transfer molding</b> <ul style="list-style-type: none"> <li>High-consistency rubber for micro, mid-size parts</li> <li>State-of-the-art technology to optimize cost-efficiency</li> <li>Focus on standard tool sizes and maximum cavitation</li> <li>Wasteless flashless for more dimensionally stable parts</li> <li>88 presses in globally strategic locations</li> </ul>
	<b>Elastomeric overmolding</b> <ul style="list-style-type: none"> <li>Industry experts in overmolding to multiple substrates</li> <li>Utilization of mechanical bond, chemical bond or both</li> <li>Specialty equipment to enhance bond</li> <li>Major investment in proprietary adhesion test mold and methodology for validation of substrates, elastomers</li> </ul>
	<b>Elastomer extrusion</b> <ul style="list-style-type: none"> <li>Tubing from ID 0.254mm (0.010") to OD 60mm (2.25") in diameter</li> <li>Complex geometries, thin walls and tight tolerances</li> <li>Custom materials include peroxide, platinum silicones</li> <li>Profiles cut to specific length and printed to spec</li> <li>18 extruders in globally strategic locations</li> </ul>
	<b>Assembly, secondary operations and packaging</b> <ul style="list-style-type: none"> <li>In-house automation design/build capabilities to reduce assembly and packaging labor costs, overhead</li> <li>ISO 14644 Class 7 cleanrooms for assembly</li> <li>Automated product assembly and inline process</li> <li>Manual operations are also available</li> </ul>



**Qure global locations**

### Q Company

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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