



Silicone Injection Molding

Built on nearly five decades of medical-grade silicone molding experience, Lubrizol medical molding solutions optimize the performance of your product and ensure compliance with all of your requirements. Silicone device applications include all medical device components with design requirements for silicone, including balloons, sensors, manifolds, strain reliefs and many other applications.

Critical Design Components Resulting from Molding Silicone Operations

Lubrizol offers medical device design assistance, tooling and experienced operators to support optimal design performance and clinical outcomes.

Exceptional Tooling, Robotics, Presses and Infrastructure

Lubrizol's experienced engineering team will work with you to design the most effective tooling required to achieve your desired outcomes. We design and operate some of the industry's most complex geometries with a combination of proprietary and industry-leading presses, as well as high-volume robotics. We determine the most appropriate manufacturing option for your medical device and ensure compliance with your production capability requirements.

Tight-Tolerance, Custom Injection Molding

Lubrizon specialized in a variety of molding process techniques to develop and deliver the highest-quality product possible. We ensure:

- Prototype molding for rapid product development services
- Dedicated equipment to support your research and development needs
- Flash tolerances as low as 0.002"
- Proprietary washing operations to ensure product integrity
- Innovative fixture and process development
- Experienced process engineering oversight for all molding operations
- Safe and effective mold storage
- Compliance with mold maintenance programs
- Mold life tracking for shot history and yield measurement



About Lubrizon Life Science - Lubrizon partners with customers to speed their innovative medical devices and differentiated pharmaceutical products to market. Our dedicated team provides best-in-class polymers and excipients, along with state-of-the-art product design, development, and manufacturing services, with the ultimate goal of creating solutions that improve patient outcomes. For more information visit www.lubrizonmeddevicecm.com.