

SAINT-GOBAIN MEDICAL

# Silicone Molding



## Advanced silicone molding expertise, delivering quality parts

The increasing need for smaller, smarter and safer medical devices is driving demand for more complex, micro-sized silicone components. Backed by over a decade of expertise in two-shot and micro molding, Saint-Gobain Medical has always been at the forefront of silicone processing innovations. With our proprietary processes and in-house tooling expertise, we can manufacture your most challenging part design with complex features and tight tolerances.

### Getting it right the first time

With over 45 years of silicone molding experience, we have accumulated an unmatched knowledge of materials, processes and tooling. From a single cavity prototype mold to full scale-up with automation, our engineers have extensive design for manufacturability (DFM) expertise to bring your concept to life and get it to market faster.

### Above & beyond molding

From our latest advancements in silicone laser processing to our structured quality systems and validation programs, we are well positioned to help you innovate the future of medical devices.

### MOLDING CAPABILITIES

- LSR & HCR
- Overmolding
- Two-shot molding
- Micro molding
- FreeWave™ silicone laser processing

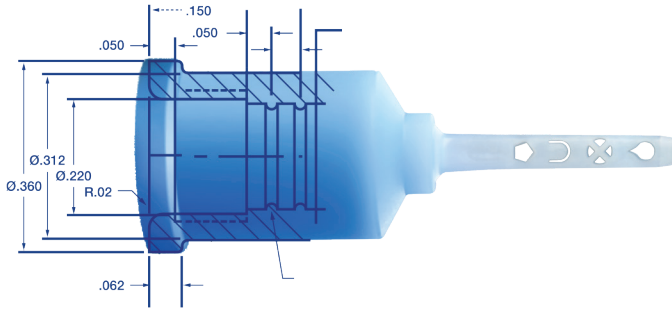
### TECHNICAL EXPERTISE

- Complex part geometries
- Thin wall sections to 0.0015"
- Undercuts, threads, blind shutoffs
- Parts as small as 0.001g

### QUALITY ASSURANCE

- Operating ISO 13485 site
- IQ/OQ/PQ validation
- ISO Class 8 clean room

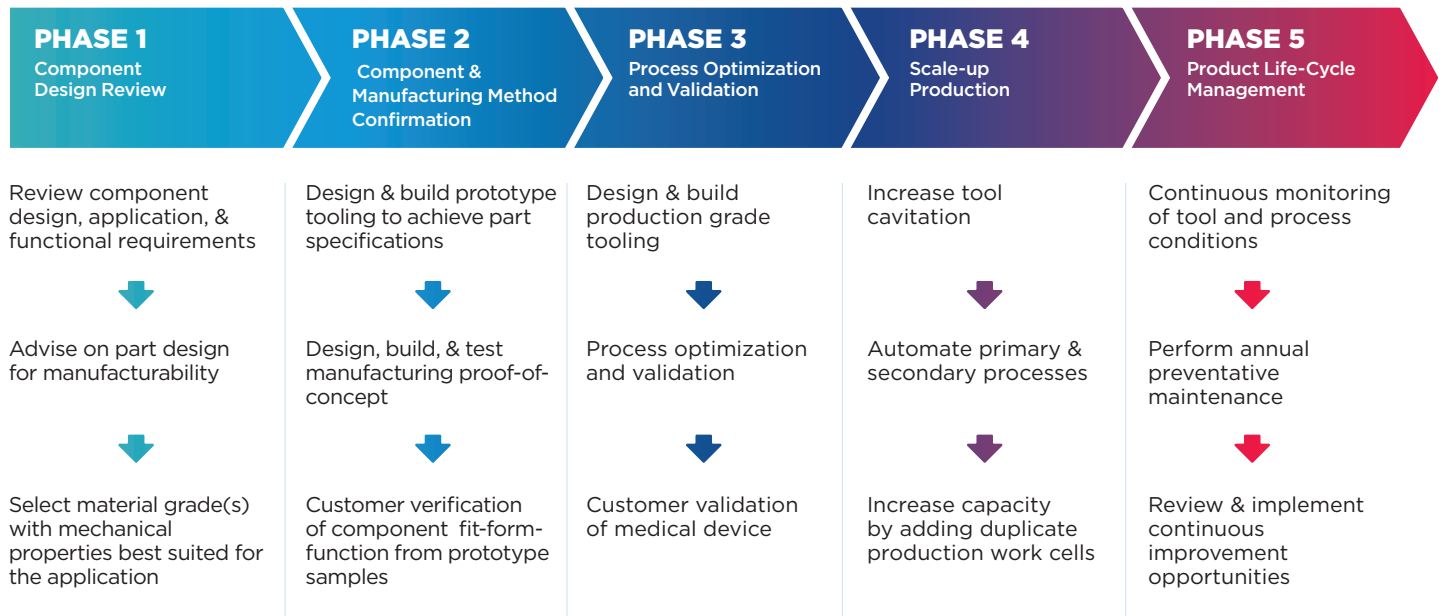
# Expert guidance for part design confidence



## Prototyping services

- In house tool design & fabrication
- Dimensionally accurate prototype parts
- Fully functional models
- Production intent material
- Single cavity tools
- Molding-grade steel

## Designing with the end in mind



### We design, develop and deliver custom medical components and engineered systems for medical devices

Silicone Molding • Filtration Technologies • Extrusion Solutions • Catheter Systems • High Purity Closures

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