

SAINT-GOBAIN MEDICAL

BIO-SIL[®] CUSTOM COMPOUNDING

Tailored compounding services
for medical applications

CUSTOM FORMULATIONS YOU CAN TRUST

Designing a medical device requires considering countless variables. Imagine eliminating some of them. Your medical device can achieve higher accuracy when you know you can rely on a tightly controlled silicone part. Saint-Gobain Medical can deliver that level of consistency through custom compounding.

EXTENSIVE EXPERIENCE

Our custom compounding capability is about more than just adding colors. We draw on our extensive knowledge of polymer chemistry, fine-tuning material properties to achieve exactly the performance you need. We combine this with decades of manufacturing experience enabling us to meet your needs.



BIO-SIL[®]

FEATURES/BENEFITS

- Tight control of material variability for consistent performance
- Silicone properties optimized for challenging specifications
- High purity
- Over 45 years of silicone processing experience

Product recommendations are based on a combination of industry knowledge, material science expertise, and/or material testing data. Contact Saint-Gobain Medical for further tubing recommendation information.



SAINT-GOBAIN

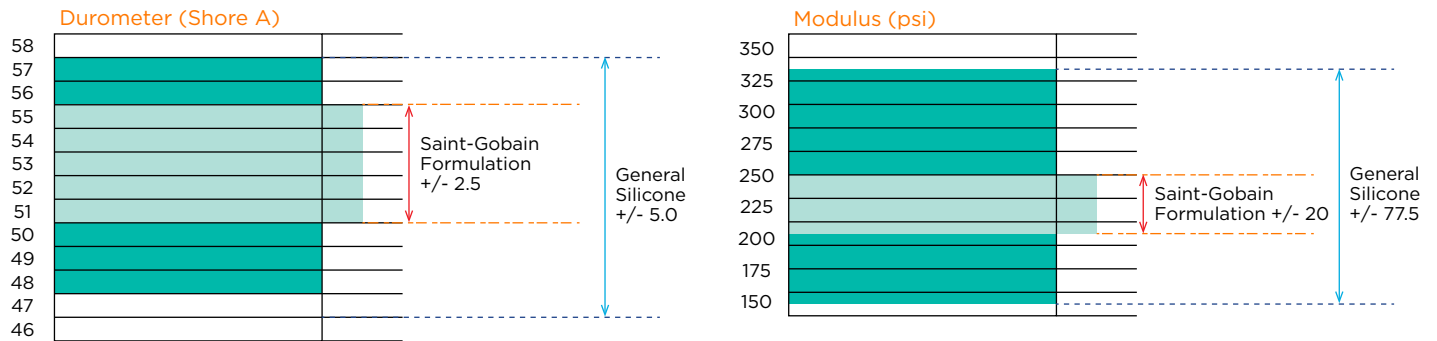
PHYSICAL PROPERTIES

Custom compounding is a collaborative process. Our experienced team will work with you to understand the end use and critical product needs. From there, we will define the material that is best suited for your application, and create a custom formulation tailored to optimizing your end product performance. We can fine-tune properties to meet your required criteria in the following areas:

- Compression Set
- Modulus
- Tear Strength
- Tensile / Elongation
- Durometer

Precision Formulation for Reliable Material Performance

The material formulation is tightly controlled to reduce variation in the physical properties of the material



MATERIAL PURITY

Medical applications have strict requirements. We understand the importance of properties such as high clarity and low extractables, and deliver parts that can meet various medical biocompatibility testings.

SPECIALTY FORMULATIONS

Need a material solution for a specialty application? We offer custom formulations such as gamma-resistant silicones.

NOTE: The information provided pertains only to product manufactured at the Saint-Gobain Taunton, Massachusetts facility. Saint-Gobain Performance Plastics Corporation's Life Science ("Saint-Gobain") products that are used as components in the manufacture of any Medical Devices (as defined by the FDA) are sold by Saint-Gobain only and exclusively to Medical Device manufacturers for use in the manufacture, assembly or distribution of their medical devices. Medical Device manufacturers, to whom Saint-Gobain sells components or for whom Saint-Gobain acts as a subcontractor for finished products, are solely responsible for determining whether their finished products are a medical device and complying with the appropriate certifications and registrations.

This document is intended to provide information about the product to enable you to consider whether generally the Product meets your application need and is not intended to provide product specification. This document should not be considered a Product warranty or guaranty. To the extent this document mentions any tests done by Saint-Gobain, such tests are done under controlled laboratory circumstances and hence other factors in your use and application may impact such values.



SAINT-GOBAIN MEDICAL
medical.saint-gobain.com

