How can we help you today?

*Dow Corning®* and *Silastic®* silicone elastomers for medical device applications are dedicated to meeting your needs for specialty materials and innovative support.

Our rubber formulating experience and fabrication expertise, plus local market knowledge and collaborative problem solving help you make an informed choice. Learn more at dowcorning.com/healthcare.

**Meeting your quality and regulatory needs**

Our long-term experience in healthcare gives us broad expertise with global regulatory requirements. Depending on your need or application, you can call on our worldwide network of technology centers, our Product Stewardship organization, as well as our team of Product Safety and Regulatory Compliance specialists. We can provide material from an ISO-certified site or an FDA-registered facility to the appropriate level of GMPs. You can also benefit from our regulatory support that includes Pharmacopeial Certification, Drug Master Files, Material Application Files or Technical Files.

**Meeting your safety needs**

We are committed to ensuring that our products and services are safe and effective to use.

Silicones are one of the most extensively biotested materials used in the healthcare industry.

*All Dow Corning® and Silastic®* silicone elastomers for medical device applications are manufactured to ISO 9001 quality standards in accordance with the practices of Responsible Care® (ISO 14001).

*Dow Corning* has adopted the American Chemistry Council’s Responsible Care program, which helps manage environmental, health and safety issues that could affect you.
The past few decades have brought extensive advances in medical care. New and innovative technologies have helped find unprecedented ways to fight disease. Many of these technologies are the result of a visionary expansion in materials.

The diversity and versatility of Dow Corning® brand and Silastic® brand healthcare silicone elastomers help manufacturers of medical implants and devices around the world create innovative products to address critical medical needs. These silicone elastomers are suitable for a wide variety of medical device applications:

- Short-term and long-term implanted devices
- Medical/diagnostic devices and components
- Non-implant external devices

Dow Corning® brand and Silastic® brand silicone elastomers can help meet your need for quality, reliability and dependable performance:

- Biocompatible, and FDA food grade compliant
- Consistent from batch to batch
- Available in a broad range of Shore A hardnesses
- Sterilizable (e.g., autoclave, gamma irradiation)
- Do not contain organic plasticizers, phthalates or latex additives
- Solventless, pigmentable and non-blooming in platinum catalyzed system, with high gas permeability compared to most thermoset elastomers and thermoplastics
Dow Corning offers a broad range of uncatalyzed and platinum catalyzed silicones designed for the fabrication of medical devices and device components.

Use this selection guide to help you find the suitable material for your application.

**Liquid Silicone Rubber (LSR)** products are pumpable thermoset silicone elastomers that can be processed by molding equipment. They are ideal for intricate designs and close-tolerance parts.

**High Consistency Rubber (HCR)** products are millable thermoset silicone elastomers that can be extruded continuously to form a desired size and shape before curing, e.g. silicone tubing.

### The right material for the right application

<table>
<thead>
<tr>
<th>Uncatalyzed</th>
<th>Platinum Catalyzed</th>
<th>Long-term implant*</th>
<th>Short-term implant</th>
<th>Medical insert</th>
<th>Non-implant</th>
<th>FDA 21 CFR 177.2600 (Food Grade)</th>
<th>Select European Pharmacopeia 3.1.9</th>
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- Biocompatibility
  - Cytotoxicity
  - Mutagenicity/Genotoxicity
  - Hemolysis
  - Skin Sensitization
  - Pyrogenicity (USP)
  - 90-day implant
  - 30-day implant
  - 7-day implant
  - USP Class V and VI

- Production
  - ISO 9001-2008
  - ISO 14001:2004
  - Produced in GMP facility
  - Change Notification (per ISO 9001)
  - Change Control (per GMP)

- Documentation
  - US Drug Master File
  - EU Technical File

* Indemnification Required
LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer’s tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Dow Corning’s sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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