

## DOW CORNING® S Series Liquid Silicone Rubber (LSR)

*The safety you need.  
The stability you want.  
The security you demand.*

The materials you've come to trust are now even better. Dow Corning's new S Series LSRs are designed, tested and supported for implants of 29 days or less. They also are appropriate for disposable applications in IV sets and catheters and for a variety of components, including valves and O-rings.

The new LSR product line includes:

- Dow Corning® S40 Liquid Silicone Rubber
- Dow Corning® S50 Liquid Silicone Rubber
- Dow Corning® S70 Liquid Silicone Rubber

### **Safety:** *your assurance to meet the stringent demands of healthcare*

The new LSRs are produced at Dow Corning's dedicated healthcare facility and manufactured to appropriate principles of GMPs with complete traceability. Our safety commitment offers you:

- Batch-to-batch consistency
- Complete batch records and histories
- Testing in accordance with ISO 10993-1 guidelines for external communicating devices and prolonged indirect blood path contact
- Formal change control and notification process

Silicones are one of the most extensively biotested materials used in the healthcare industry. We maintain a dedicated product toxicologist and open communication with the FDA. Our long-term experience in healthcare gives us broad expertise with global regulatory requirements.

### **Stability:** *the key to consistency in your processes*

Our customers say the consistency of our materials keeps them coming back. The new S Series LSRs take our commitment to stability one step further. The enhanced batch-to-batch consistency of these materials helps ensure minimal change in your manufacturing processes.

The chemistry of the S Series LSRs is similar to that of Dow Corning's existing LSRs and is consistent across the three new products. The framework of this chemistry set incorporates most of the same polymers, but now optimizes the chemistry from a molecular level, resulting in a more robust material.

The new LSRs reach their ultimate physical properties upon initial cure; there's no drift, and no post-cure is required. You're one step closer to lights-out, fully-automated processing.



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## Security: *depend on consistent quality supply*

Our dedication and focus on healthcare remain second-to-none. We're mindful of the regulatory hurdles and competitive threats facing today's healthcare market. As a result, we strive to bring you the highest-performing, most cost-effective and appropriately tested materials to meet your needs and those of your customers.

Dow Corning continues to invest in the healthcare market to assure you a quality supply of materials. We're dedicated to providing consistent, on-time delivery of the silicone required to make your life-enhancing and life-saving devices.

## Enhanced Processing for Cleaner Molding

The new S Series LSRs are formulated to significantly reduce mold fouling. The result is longer run times before cleaning and less downtime, leading to greater cost efficiency.

Cleaning becomes convenient to your schedule. You'll see a number of related benefits including:

- Greater molding consistency
- Improved mold release—essential during fully-automatic runs
- No need for post-cure

## Service: *to meet your ongoing needs*

We're focused on what matters most to you: safety, stability, security and service. With the new S Series LSRs, you can depend on the same commitment to service we provide for all our healthcare materials.

## Learn More

Dow Corning has sales offices and manufacturing facilities worldwide, as well as full-service, global technical support. For more information, contact your Dow Corning representative or call the Dow Corning Global Connection nearest you.

## Your Global Connection

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[www.dowcorning.com/healthcare](http://www.dowcorning.com/healthcare)

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