



STOCKWELL ELASTOMERICS, INC.

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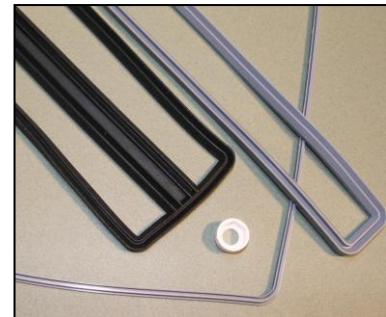
For Immediate Release

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Low Durometer (Very Soft) Molded Liquid Silicone Rubber Gaskets now available from Stockwell Elastomerics, Inc.

Stockwell Elastomerics now provides 10 and 20 durometer Shore A Liquid Silicone Rubber (LSR) molded gaskets, sheets and custom components. These low durometer compounds provide designers the option of using a soft solid rubber gasket when foam or sponge gaskets are unable to prevent water ingress.

Philadelphia, PA, January 31, 2013 - Stockwell Elastomerics announces the availability of 10 and 20 durometer Shore A molded liquid silicone rubber (LSR) gaskets that provide improved water sealing and protection for enclosures and portable devices. Low durometer LSR gaskets have improved sealing properties over silicone foam or closed cell silicone sponge gaskets. Enclosures and portable devices are frequently required to pass water ingress requirements such as IP65, IP66 and IP67. And silicone rubber provides consistent deflection properties in cold and hot climates while resisting the damaging effects of UV and sunlight for long term performance. Custom molded liquid silicone rubber gaskets are frequently specified to solve such design issues, and Stockwell Elastomerics is a leading manufacturer of these LSR components.



The 10 and 20 durometer LSR compounds are Wacker Silicones LR3003/10TR and LR3003/20TR respectively. Wacker recently enhanced the physical properties of these soft compounds to improve the tear resistance and the surface condition. These enhanced properties have enabled designers of Analytical Instruments, LED Lighting Housings, Ruggedized RFID Tag Readers and Marine Safety Devices to solve particular long term sealing challenges with these materials.

Stockwell Elastomerics also injection molds 12" x 12" liquid silicone rubber sheets in 10 and 20 durometer. Standard thicknesses (.032", .050", .062", .093" and .125") are in inventory and available to support requirements for die cut, water jet cut and adhesive backed gaskets. Customers can request a free LSR "Touch Brochure" with small samples of these cured liquid silicone products to touch and feel the material. The **Liquid Silicone Rubber Touch Brochure** can be requested online at: <http://www.stockwell.com/LSRTouch>.

"These enhanced 10 and 20 durometer LSR compounds have expanded our material options when we are recommending sealing solutions for customers designing rugged portable devices and similar technology equipment needing protection from water ingress", said Stockwell Elastomerics' President Bill Stockwell. "We frequently see requirements for gaskets that require soft closure force due to the enclosure design. When a foam or closed cell sponge does not prevent water ingress - these soft LSR compounds can make the difference."

Along with its liquid injection molding capabilities, Stockwell Elastomerics also has on-site fabricating capability of silicone foams, closed cell silicone sponge and similar high performance gasketing materials.

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Liquid Silicone Rubber for Molded Gaskets and Sheets

Series	Color	Thickness	DUROMETER	Comments
LSR-10	Black	.032"	10	Standard
LSR-10	Black	.050"	10	Standard
LSR-10	Black	.062"	10	Standard
LSR-10	Black	.093"	10	Standard
LSR-10	Black	.125"	10	Standard
LSR-20	Black	.032"	20	Standard
LSR-20	Black	.050"	20	Standard
LSR-20	Black	.062"	20	Standard
LSR-20	Black	.093"	20	Standard
LSR-20	Black	.125"	20	Standard
LSR-20	Grey	.032"	20	Standard
LSR-20	Grey	.050"	20	Standard
LSR-20	Grey	.062"	20	Standard
LSR-20	Grey	.093"	20	Standard
LSR-20	Grey	.125"	20	Standard
LSR-20	White	.032"	20	Standard
LSR-20	White	.050"	20	Standard
LSR-20	White	.062"	20	Standard
LSR-20	White	.093"	20	Standard
LSR-20	White	.125"	20	Standard

Request LSR Touch Brochure



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About Stockwell Elastomerics, Inc.

Stockwell Elastomerics' core competence is the fabrication and molding of silicone rubber and similar high performance elastomers. On-site production capabilities include adhesive lamination, slitting, die cutting, water jet cutting and custom molding. Many Stockwell Elastomerics customers take advantage of water jet cutting for fast turn prototypes and initial production. Stockwell Elastomerics, Inc. is ISO9001-2008 registered.

The Liquid Silicone Rubber Touch Brochure can be requested online at:

<http://www.stockwell.com/LSRTouch>. For small sample sheets of molded LSR, contact Stockwell Elastomerics directly. Contact Stockwell Elastomerics for complete information on silicone rubber products, custom fabrication and molding.

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