

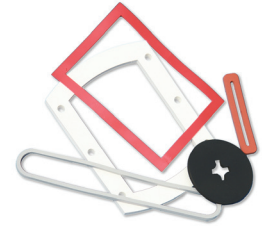


# STOCKWELL ELASTOMERICS

MANUFACTURING SOLUTIONS THROUGH ENGINEERED MATERIALS

## Platinum Cure HCR (Gum Base) Silicone Sheet and Molded Seals

The SSP4749 series of silicone sheet materials are high-purity, platinum cured gum base silicone compounds, available in 12" wide rolls from .010" to .125" thick for fabricating flat gaskets. These materials can also be compression molded into intricate gaskets and custom components with thin / thick cross sections. SSP4749's temperature capabilities are superior to liquid silicone rubber (LSR). Being platinum cured, these materials are very clean with good outgassing properties and are FDA 21CFR 177.2600 compliant\*. Some applications and markets that utilize the SSP4749 series include space, food processing, medical devices, pharmaceutical, fuel cells, analytical sensors, and similar applications requiring low out gassing properties.



SSP4749-10, Very Soft, Some Residual Surface Tack					Features and Uses
Product	Durometer	Tensile	Elongation	Tear B	
SSP4749-10	10	870 psi	1200%	135 ppi	<ul style="list-style-type: none"> <li>• Seals with low force</li> <li>• Suitable for IP67</li> <li>• Meets FDA 21CFR 177.2600</li> <li>• USP Class VI</li> </ul>
SSP4749-20, Conformable, with Less Surface Tack					Features and Uses
Product	Durometer	Tensile	Elongation	Tear B	
SSP4749-20	20	1300 psi	920%	150 ppi	<ul style="list-style-type: none"> <li>• Seals with low force</li> <li>• Suitable for IP67</li> <li>• Meets FDA 21CFR 177.2600</li> <li>• USP Class VI</li> </ul>
SSP4749-30, Robust Mechanical Properties					Features and Uses
Product	Durometer	Tensile	Elongation	Tear B	
SSP4749-30	30	1400 psi	720%	125 ppi	<ul style="list-style-type: none"> <li>• High tensile and elongation</li> <li>• Suitable for IP67</li> <li>• Meets FDA 21CFR 177.2600</li> <li>• USP Class VI</li> </ul>
SSP4749-40, Rugged with High Tear Strength					Features and Uses
Product	Durometer	Tensile	Elongation	Tear B	
SSP4749-40	40	1400 psi	850%	250 ppi	<ul style="list-style-type: none"> <li>• High tensile and elongation</li> <li>• Suitable for IP67</li> <li>• Meets FDA 21CFR 177.2600</li> <li>• USP Class VI</li> </ul>
SSP4749-50, Full Range of Thicknesses in Rolls					Features and Uses
Product	Durometer	Tensile	Elongation	Tear B	
SSP4749-50	50	1350 psi	675%	150 ppi	<ul style="list-style-type: none"> <li>• High tensile and elongation</li> <li>• Suitable for IP67</li> <li>• Meets FDA 21CFR 177.2600</li> <li>• USP Class VI</li> </ul>
SSP4749-60, Rugged with High Tear Strength					Features and Uses
Product	Durometer	Tensile	Elongation	Tear B	
SSP4749-60	60	1350 psi	700%	225 ppi	<ul style="list-style-type: none"> <li>• High tensile and elongation</li> <li>• Suitable for IP67</li> <li>• Meets FDA 21CFR 177.2600</li> <li>• USP Class VI</li> </ul>
SSP4749-70, Rugged with High Tear Strength					Features and Uses
Product	Durometer	Tensile	Elongation	Tear B	
SSP4749-70	70	1400 psi	700%	225 ppi	<ul style="list-style-type: none"> <li>• High tensile and elongation</li> <li>• Suitable for IP67</li> <li>• Meets FDA 21CFR 177.2600</li> <li>• USP Class VII</li> </ul>

Durometer Shore A per ASTM D2240

All of the above products are RoHS and REACH compliant.

Inquire about color availability.

\* The base material in SSP4749 series silicones meets USP Class VI and FDA 21 CFR 177.2600 if unpigmented (translucent)



www.stockwell.com  
e-mail: service@stockwell.com  
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Stockwell Elastomerics, Inc.  
4749 Tolbut St. Philadelphia, PA 19136-1512 USA  
(800) 523-0123 (215) 335-3005 Fax: (215) 335-9433