

Technical Data

Silicone Rubber Sheets (Silico60 Pro)

Silico60 Pro

Model: RS-SLCO(P)-SL13060

Silico60 Pro is a versatile silicone rubber sheet designed for applications where temperature extremes, chemical exposure, and material safety are critical.

Its availability in red (for visual traceability) color allows selection based on environment-specific needs. The material maintains flexibility and sealing integrity in static and dynamic setups, supporting longer service life in high-heat, chemically active, or hygienic conditions. For buyers seeking a sheet that performs reliably under thermal and mechanical stress while meeting compliance or cleanliness standards, Silico60 Pro offers a balanced solution across industries.

Silico60 Pro brings value through its wide temperature range, inert chemical profile, and hygienic properties, making it suitable for food, pharma, and high-purity production lines.

Its visibility, traceability, and stable performance ensure process compliance and safety assurance while reducing wear-related service interruptions in sensitive environments.

PRODUCT FEATURES



Wide thermal stability range

Suitable for both cold and high-temperature operations without loss of flexibility or seal quality



Resists acids, ozone, and cleaning chemicals

Withstands harsh maintenance routines in food, pharma, and industrial environments



Color options tailored to application needs

Red version enhances visual checks



Flexible yet structurally stable

Adapts to varied sealing surfaces while maintaining compression resistance and form



Inert and non-toxic composition

Safe for semi-critical environments requiring low contamination risk or regulatory compliance



Performs in both static and moving assemblies

Reliable choice for gaskets, linings, and insulations in equipment with frequent operational cycles



DID YOU KNOW?

Silicone rubber retains its physical properties across a temperature range from -60°C up to 230°C, outperforming most elastomers in high-temperature applications like aerospace seals and medical devices.

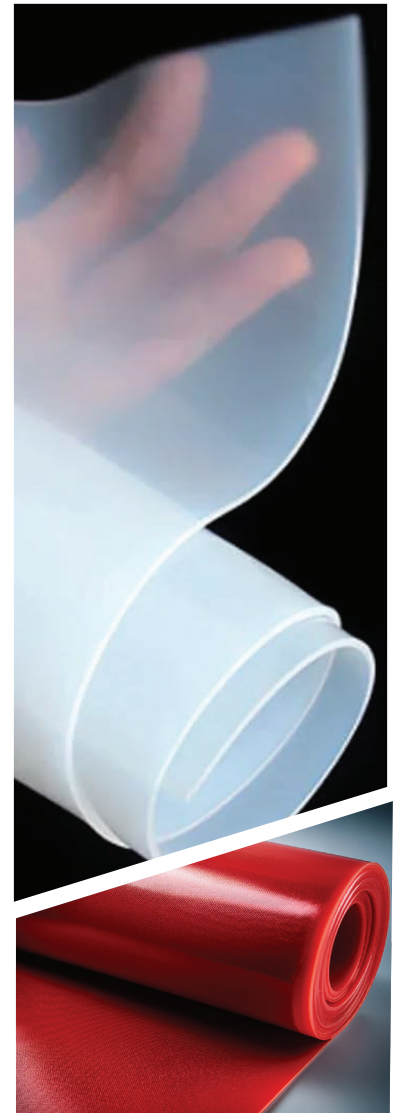
(Source: ASTM D1418)



MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES	
PHYSICAL & MECHANICAL PROPERTIES				
Tensile Strength	ASTM D412	6.0 MPa (Min)	6.2 Mpa	
Elongation at Break	ASTM D412	350% (Min)	362%	
Hardness	ASTM D2240	60° ± 5° Shore A	62° Shore A	
Specific Gravity	ASTM D297	1.30 ± 0.05	1.32	
Working Temperature	-	-20 °C to +180 °C	Conforms	
CHEMICAL RESISTANCE				
Ozone	Dilute Acids & Bases	Conc. Acids & Bases	Oils	Solvents
Excellent	Excellent	Excellent	Not Recommended	Not Recommended
IDENTIFICATION				
Branding	Duratuf			
Colour	Red/Translucent			
Grade	Pro			
Polymer	SI			
Finish	Top & bottom plain			
Packaging	With white coloured HDPE woven fabric			
Labelling	Label indicating Product Name, Dimensions, Batch No., Mfg. Month & Year, Quantity, and Package No. to allow traceability			

Note: Manufacturing tolerance of ± 10% on thickness, ± 2% on width and length and ±10% on weight shall be applicable.

Applications	<ul style="list-style-type: none"> Sealing and insulation in pharma and lab equipment Food packaging lines (non-contact areas) Autoclave door seals and heat chamber gaskets Weather-sealing in outdoor industrial enclosures Acid/alkali-resistant sealing in chemical processing High-temperature pads in metal processing units Electrical enclosures exposed to ozone or moisture
--------------	--



Ordering Information

Please provide the following details for accurate order processing

