

Silicone Rubber SPONGE

VS

Silicone Rubber FOAM



Key Features	<ul style="list-style-type: none"> • Increased mechanical and physical properties • Broader temperature range • Ideal for industrial and military specifications • Easily accommodates additives for custom requirements 	<ul style="list-style-type: none"> • Lower density materials offer lightweight solutions • Foams require lower compression force for deflection • Continuous length rolls in all thicknesses enhance productivity • Excellent resistance to compression set
Cell Structure	Closed cell	Modified cell, closed cell
Recommended Temperature Range (°F)	-100° to +500°	-67° to +392°
Density Range (lbs./ft.³)	20 to 70	11 to 20
Mechanical Properties	<ul style="list-style-type: none"> • Good sealing properties (medium pressure) • Excellent tear, tensile and elongation strength • Excellent choice for stress applications 	<ul style="list-style-type: none"> • Good sealing properties (low pressure) • Decreased tear, tensile and elongation strength • Excellent flame resistance • Lightweight for transportation applications • Soft / low density for low closure force applications • Excellent compression set resistance
Base Products	<ul style="list-style-type: none"> • R10450 (fiberglass supported) • R10460 (flame retardant UL 94 HF) • R10470M, R10470F (specification grade) • R10480S, R10480M (compression set resistant) 	<ul style="list-style-type: none"> • F-12 • F-20
Tape Products	<ul style="list-style-type: none"> • Strip-N-Stick®: R10470M base for SNS 100S, SNS 200A • Strip-N-Stick®: R10450 base for SNS 300AR 	<ul style="list-style-type: none"> • Strip-N-Stick®: F-12 base for SNS 512AF • Strip-N-Stick®: F-20 base for SNS 520AF
Additional Products (Property)	<ul style="list-style-type: none"> • R10490 (fluorosilicone) • R10404 (thermally conductive) • R10400 (flame retardant UL VO flame rated) • Custom color (contact plant) 	<ul style="list-style-type: none"> • F-11 • F-15
Key Applications	<ul style="list-style-type: none"> • UV-resistant = indoor/outdoor seals and gaskets • Decal transfer press pads • Military gasketing • Moisture-resistant gasketing/sealing (NON-ABSORBING) 	<ul style="list-style-type: none"> • UV-resistant = indoor/outdoor seals and gaskets • Transportation gasketing • Thermal insulation barriers • Military seating • Lightweight flame retardant products / gaskets

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Saint-Gobain cannot anticipate or control every application. We strongly recommend testing this product under individual application conditions. The application, the use and the conversion of this product are under the user's responsibility.

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