



Bellofram Silicones, Inc.  
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Group of Companies

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## 5300 MEDIUM DENSITY CLOSED CELL SILICONE SPONGE SHEET ROLL MATERIAL

### DESCRIPTION

The Bellofram Silicones 5300 is a medium density closed cell silicone sponge sheet material, offered in roll form. Rolls feature a cross-hatch weave pattern on the skin and are available in thicknesses from 1/16" to 1/2" and comes standard in a 36" width. Larger thicknesses of up to 1" may be achieved via lamination. Pressure sensitive adhesive (PSA) is also available upon request.



Contact us at [siliconesRFQ@bellofram.com](mailto:siliconesRFQ@bellofram.com) to request a free product sample or quotation.

### FEATURES

- Handles temperature extremes
- Excellent gasketing material
- Low closure force
- Very low compression set
- Ultraviolet ray (UV) resistant
- Ozone resistant

### MATERIAL SPECIFICATIONS

- AMS 3195

### TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	SPECIFICATION
Compression Deflection	AMS 3195	6-14 PSI
Heat Age (22 Hours @ +150°C)	ASTM D 1056	±5% Change
Water Absorption	ASTM D 1056	10% MAX
Compression Set (22 Hours @ +100°C)	ASTM D 1056	5% MAX
Low Temperature Flex (5 Hours @ -55°C)	ASTM D 1056	PASS
Flammability	FMVSS 302	PASS
Operating Temperature Range (°F)		-85° to 400° F

Data noted above is based on laboratory tests and should be used as a reference only. Further information and additional specifications are available upon request. Tests, claims, representations, and descriptions regarding flammability are based on standard laboratory tests, and they may not be reliable for determining, evaluating, predicting, or describing the flammability or burning characteristics under actual fire conditions, whenever used alone or in combination with other products. Accordingly, each potential user should make an individual determination whether the flammability or burning characteristics of the product are suitable for the purpose intended by the user.