

ARP-3196

Closed Cell Firm Density Silicone Sponge

Features:

- Excellent Compression Set Resistance
- Exceptionally Low Water Absorption
- Resistance to Extreme High and Low Temperatures
- Outstanding Resistance to UV, Ozone, Oxidation and Weathering
- Lightweighting Compliant

Specifications:

- AMS3196
- MIL-R-46089 S/S by ASTM D1056
- MIL-R-6130C S/S by ASTM D6576 Type II

Properties	Test Method	Specification: AMS3196	Typical Values
Color	Visual	-	Red, White, Grey, Black
Finish	Visual	-	Smooth
Width	ASTM D751	-	36"
Thickness	ASTM D751	-	.062" – 1"
*Density, lbs./cubic inch	ASTM D1056	.030 Max	.017
Compression Defection, psi	ASTM D1056	12-20	13
Compression Set, 22 hrs. @ 212 °F, %	ASTM D1056	60% Max	25
Brittle Point, °F	ASTM D746	-67	-103
Water Absorption	ASTM D1056	5% Max	< 3
Temperature Range	Fahrenheit (°F)	-	-103 to + 500
Tensile Strength, psi	ASTM D412	-	108
Elongation, %	ASTM D412	-	120

*The density of samples of different sizes will be different from that stated here

Availability:

- Custom Widths
- Continuous Roll Lengths
- Color Match Capabilities
- Pressure Sensitive Adhesive (PSA) Backing

The information supplied herein is based upon information currently available on the subject. The above values are typical properties and should be used only as a guide. There are no warranties, either expressed or implied, including the warranty for fitness of use or of merchantability. It is up to the end user to determine whether the material is appropriate for the intended application.