

## ARP-3196

### Closed Cell Firm Density Silicone Sponge

#### **Features:**

- Excellent Compression Set Resistance
- Exceptionally Low Water Absorption
- Resistance to Extreme High & Low Temperatures
- Outstanding Resistance to UV, Ozone, Oxidation & 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
<b>Color</b>	Visual	-	Red
<b>Finish</b>	Visual	-	Smooth
<b>Width</b>	ASTM D751	-	36"
<b>Thickness</b>	ASTM D751	-	.062" – 1"
<b>Density, lbs./cubic inch</b>	ASTM D1056	.030 Max	.017
<b>Density, lbs./cubic foot</b>	ASTM D1056	52 Max	29
<b>Compression Deflection @25%, psi</b>	ASTM D1056	12-20	13
<b>Compression Set, % (50%, 22 hrs. @ 212°F)</b>	ASTM D1056	60% Max	25
<b>Brittle Point, °F</b>	ASTM D746	-67	-103
<b>Water Absorption</b>	ASTM D1056	5% Max	< 3
<b>Temperature Range</b>	Fahrenheit (°F)	-	-103 to 450 <i>+500 intermittent</i>
<b>Tensile Strength, psi</b>	ASTM D412	-	150
<b>Elongation, %</b>	ASTM D412	-	250

\*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.