

ARP-3195

Closed Cell Medium 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:

- AMS3195
- MIL-R-46089 S/S by ASTM D1056
- MIL-R-6130C S/S by ASTM D6576 Type II

Properties	Test Method	Specification: AMS3195	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	.020 Max	.012
Density, lbs./cubic foot	ASTM D1056	35 Max	20
Compression Deflection @25%, psi	ASTM D1056	6-14	7
Compression Set, % (50%, 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 450 <i>+500 intermittent</i>
Tensile Strength, psi	ASTM D412	-	125
Elongation, %	ASTM D412	-	200

*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.