

ARP-S

Closed Cell Soft 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:

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

Properties	Test Method	Typical Values
Color	Visual	Red
Finish	Visual	Smooth
Width	ASTM D751	36"
Thickness	ASTM D751	.062" – 1"
Density, lbs./cubic inch Density, lbs./cubic foot	ASTM D1056	.009 15
Compression Deflection, psi @ 25%	ASTM D1056	6
Compression Set, % (50%, 22 hrs. @ 212°F)	ASTM D1056	25
Water Absorption, %	ASTM D471	< 5%
Temperature Range	Fahrenheit (°F)	-76°F to + 450°F
Tensile Strength, psi	ASTM D412	90
Elongation, %	ASTM D412	150%

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

Availability:

- Custom Widths
- Continuous Roll Lengths
- 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.