

## ARP-S

### Closed Cell Soft Density Silicone Sponge

**Features:**

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

**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, White, Grey, Black
Finish	Visual	Smooth
Width	ASTM D751	36"
Thickness	ASTM D751	.062" – 1.187"
*Density, lbs./cubic inch	ASTM D1056	.009
Compression Deflection, psi	ASTM D1056	7
Compression Set, 22 hrs. @ 212°F, %	ASTM D1056	14
Brittle Point, °F	ASTM D746	-112
Water Absorption	ASTM D1056	< 5
Temperature Range	Fahrenheit (°F)	-76 to + 450
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
- 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.