

ARP-FR-M

Flame Retardant Closed Cell Medium Density Silicone Sponge

Features:

- Meets UL Flammability and Self-Extinguishing Classification
- Excellent Compression Set Resistance
- Resistance to Extreme High and Low Temperatures
- Outstanding Resistance to UV, Ozone, Oxidation & Weathering
- Exceptionally Low Water Absorption
- Lightweighting Compliant

Specifications:

- UL94 HB
- FMVSS 302
Capable of meeting:
- ASTM D6576 Type II Grade A
- MIL-R-6130 Type II Grade A
- AMS3195

Properties	Test Method	Typical Values
Color	Visual	Grey/Black/Red/White
Finish	Visual	Smooth
Width	ASTM D751	36"
Thickness	ASTM D751	.062" – .500"
Density, lbs./cubic inch	ASTM D1056	.012
Density, lbs./cubic foot	ASTM D1056	22
Compression Deflection @25%, psi	ASTM D1056	7
Compression Set, % (50%, 22 hrs. @ 212°F)	ASTM D1056	10
Water Absorption	ASTM D1056	< 3
Temperature Range	Fahrenheit (°F)	-100 to + 500
Tensile Strength, psi	ASTM D412	100
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.