



Viadon, LLC  
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[www.Viadon.com](http://www.Viadon.com)  
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**PRODUCT:**

Series V22-300 Flame Retardant Silicone Sponge Rubber – Medium Density

**PRINCIPAL USES:**

Series V22-300 flame retardant silicone sponge rubber, is a closed cell silicone sponge rubber designed for high and low temperature applications. It has low compression set and it meets aerospace, military and UL94 flame retardant requirements.

**TECHNICAL DATA:**



Category	Typical Value	Test Method
Density	29 PCF 471 kg/m <sup>3</sup> .47 grams/cc	ASTM D-3574
Compression Set	5%	ASTM D-1056 – Compressed 50%, 22 hrs @ +212°F (+100°C)
Compression Deflection	10 psi 69 kPa	ASTM D-1056 – Compressed 25%, @ room temperature
Tensile	75 psi 517 kPa	ASTM D-412
Elongation	< 125%	ASTM D-412
Water Absorption	< 5%	ASTM D-1056
Dielectric Strength	145 volts/mil	
Temperature Range	+500°F (+260°C) -100°F (-73°C)	



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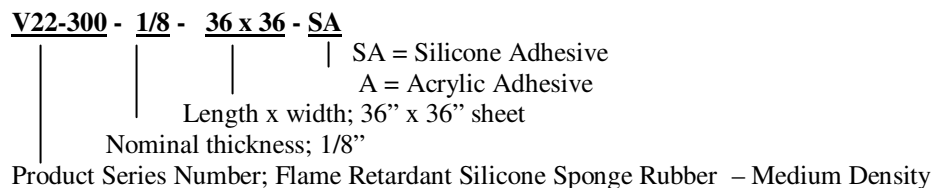
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**AVAILABLE PRODUCTS:**

Part Number	V22-300	Flame Retardant Silicone Sponge Medium Density						
Fraction	1/32"	1/16"	3/32"	1/8"	3/16"	1/4"	3/8"	1/2"
Decimal	.031"	.063"	.094"	.125"	.188"	.250"	.375"	.500"
Millimeter	.79	1.59	2.38	3.18	4.76	6.35	9.53	12.7
Rolls		X	X	X				
Sheets		X	X	X	X	X	X	X
Custom Die Cut		X	X	X	X	X	X	X
		<b>X = standard product      Special = special order; minimum order quantities</b>						

**PART NUMBER SYSTEM:**



**COLORS:**

Blue/Gray

**NOTE:**

Specifications are typical values and should not be used for writing specifications.

**STORAGE TEMPERATURE:**

Store in cool, dry area at temperatures of 60 °F to 80 °F.

**CAUTION:**

All physical properties listed above have been obtained from random laboratory testing and should not be used for the purpose of writing specifications. THIS PRODUCT SHOULD BE TESTED TO DETERMINE THE SUITABILITY FOR ITS INTENDED USE.

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 A Courtright Company – Since 1938**