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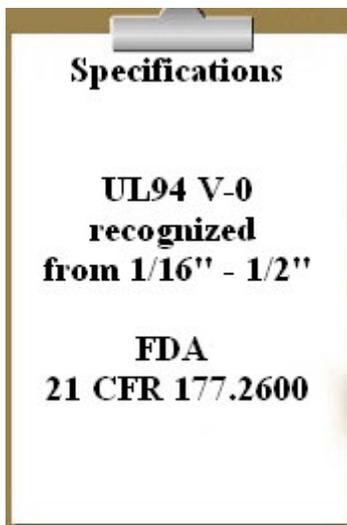
**PRODUCT:**

Series V22-350 Flame Retardant Silicone Sponge Rubber; UL94 V-0 – Medium Density

**PRINCIPAL USES:**

Series V22-350 flame retardant silicone sponge rubber, is a closed cell silicone sponge rubber designed for high and low temperature applications that require UL94 V-0 flame rating or FDA approval for use in contact with food.

**TECHNICAL DATA:**



Category	Typical Value	Test Method
Density	35 PCF 560 kg/m <sup>3</sup> .56 grams/cc	ASTM D-3574
Compression Set	10%	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	100 psi 690 kPa	ASTM D-412
Elongation	250%	ASTM D-412
Water Absorption	1%	ASTM D-471
Linear Thermal Expansion	1.8 X 10 <sup>-4</sup> in./in./ °F	Room temp to +350°F (+177°C)
Dielectric Strength	200 volts/mil	
Food Contact	Pass	21 CFR 177.2600
Flame Rating	V-0	UL94
Temperature Range	+500°F (+260°C) -100°F (-73°C)	



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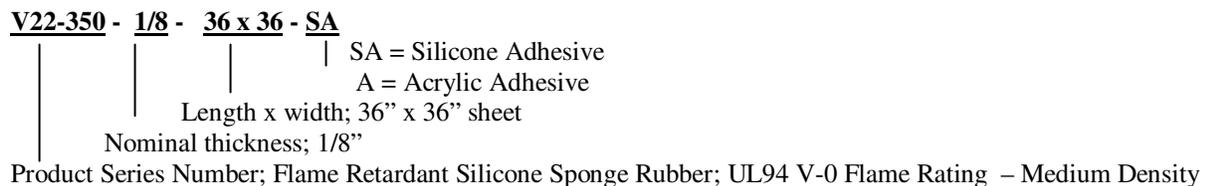
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**AVAILABLE PRODUCTS:**

Part Number	V22-350	Flame Retardant Silicone Sponge Medium Density; UL94 V-0 Flame Rating						
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	Special	X				
Sheets		X	Special	X	X	X	X	X
Custom Die Cut		X	Special	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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