

**PRODUCT:**

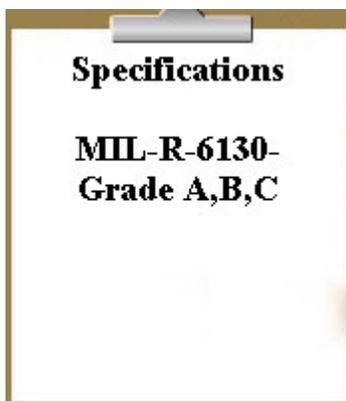
Series V22-500 Fluorosilicone Sponge Rubber – Medium Density

Page 1 of 2

**PRINCIPAL USES:**

Series V22-500 fluorosilicone sponge rubber sponge rubber, is a closed cell silicone sponge rubber designed for high and low temperature applications. This special formulation is suitable for applications requiring resistance to fluids and oils that would affect normal gasket materials.

**TECHNICAL DATA:**



Category	Typical Value	Test Method
Density	35 PCF 544 kg/m <sup>3</sup> .55 grams/cc	ASTM D-3574
Compression Set	25%	ASTM D-1056 – Compressed 50%, 22 hrs @ +212°F (+100°C)
Compression Deflection	15 psi 103 kPa	ASTM D-1056 – Compressed 25%, @ room temperature
Tensile	180 psi 1241 kPa	ASTM D-412
Elongation	125%	ASTM D-412
Water Absorption	< 5%	ASTM D-1056
Linear Thermal Expansion	1.8 X 10 <sup>-4</sup> in./in./ °F	Room temp to +350°F (+177°C)
Outgassing	< 1% weight loss	NASA, 24 hrs @ +257°F (+125°C) in vacuum
Dielectric Strength	145 volts/mil	
Specific Heat	0.3 BTU/lb./ °F	
Temperature Range	+400°F (+204°C) -80°F (-62°C)	



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Page 2 of 2

**AVAILABLE PRODUCTS:**

Part Number	V22-500	Fluorosilicone 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								
Sheets	X	X	X	X	X			
Custom Die Cut	X	X	X	X	X			
<b>X = standard product</b>		<b>Special = special order; minimum order quantities</b>						

**PART NUMBER SYSTEM:**

V22-500 - 1/8 - 36 x 36 - SA

SA = Silicone Adhesive  
 A = Acrylic Adhesive  
 Length x width; 36" x 36" sheet  
 Nominal thickness; 1/8"  
 Product Series Number; Fluorosilicone Sponge Rubber – Medium Density

**COLORS:**

Blue

**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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