



Viadon, LLC
 26200 South Whiting Way
 Monee IL 60449
 Toll Free (866) 534-3900
 Fax (708) 534-3957

www.Viadon.com
www.Silicone-Sponge-Supply.com

PRODUCT:

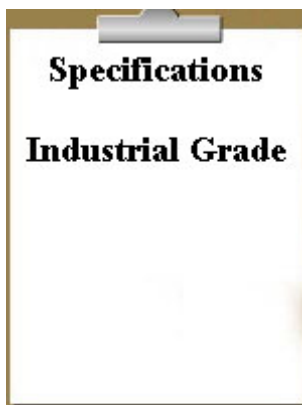
Series V22-400 Fiberglass Reinforced Silicone Sponge Rubber – Medium Density

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PRINCIPAL USES:

Series V22-400 fiberglass reinforced silicone sponge rubber is a closed cell silicone sponge rubber designed for high performance gasket applications. The fiberglass reinforcement maintains stability in the X-Y direction preventing outward extrusion during compression. This is especially helpful for gaskets with will wall sections.

TECHNICAL DATA:



Category	Typical Value	Test Method
Density	35 PCF 554 kg/m ³ .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	125 ppi 220 N/cm (fabric break)	ASTM D-412
Elongation	< 10%	ASTM D-412
Water Absorption	< 5%	ASTM D-1056
Linear Thermal Expansion	1.8 X 10 ⁻⁴ 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	+500°F (+260°C) -100°F (-73°C)	

**ISO 9001 Certified Master Distributor and Converter
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AVAILABLE PRODUCTS:

Part Number	V22-400	Fiberglass Reinforced 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	Special	X	X			
Sheets		X	Special	X	X			
Custom Die Cut		X	Special	X	X			
		X = standard product Special = special order; minimum order quantities						

PART NUMBER SYSTEM:

V22-400 - 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; Silicone Sponge Rubber – Fiberglass Reinforced – Medium Density

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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