



Viadon of Alabama, Inc.
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www.Viadon.com
www.Silicone-Sponge-Supply.com

PRODUCT:

Series V5101 General Purpose Silicone Sponge Tape with Silicone Pressure Sensitive Adhesive

PRINCIPAL USES:

Series V5101 silicone sponge tape combines series V22-100 medium density, general purpose silicone sponge rubber with high temperature silicone pressure sensitive adhesive. Used for gasket applications, vibration cushioning and thermal insulation.

TECHNICAL DATA:

Category	Typical Value	Test Method
Adhesive Type & Shelf Life	Silicone / 6 months	
Compression Set	25%	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	90 psi 621 kPa	ASTM D-412
Elongation	200%	ASTM D-412
Water Absorption	< 5%	ASTM D-1056
Linear Thermal Expansion	1.8×10^{-4} in./in./ °F	Room temp to +350°F (+177°C)
Dielectric Strength	145 volts/mil	
Adhesion	15 oz./in. width 16.7 g/mm	PSTC-1
Temperature Range	+450°F (+232°C) -100°F (-73°C)	

ISO 9001 Certified Master Distributor and Converter
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AVAILABLE PRODUCTS:

Part Number	V22-100	General Purpose 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	X	X		
Sheets		X	X	X	X	X		
Custom Die Cut		X	X	X	X	X		
X = standard product Special = special order; minimum order quantities								

PART NUMBER SYSTEM:

V22-100 - 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 – General Purpose – Medium Density – orange red

COLORS:

Orange-red = Standard

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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