

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 V5105 Solid Silicone Tape, 30 Durometer with Acrylic Pressure Sensitive Adhesive

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PRINCIPAL USES:

Series V5105 solid silicone tape combines a 30 durometer, shore A solid silicone rubber with a high temperature acrylic pressure sensitive adhesive. Used for gasket applications, vibration cushioning and thermal insulation. Due to high elongation, high tensile strength, high temperature resistance and excellent conformability, this tape becomes an instant gasket material.

TECHNICAL DATA:

Category	Typical Value	Test Method			
Adhesive Type	Acrylic				
Adhesive Shelf Life	24 months				
Adhesion	30 oz./in. width 33.5 g/mm	PSTC-1			
Silicone Rubber	30 Durometer	Shore A			
Compression Set	30%	ASTM D-1056 – Compressed 50%, 22 hrs @ +212°F (+100°C)			
Compression Deflection	45 psi 310 kPa	ASTM D-1056 – Compressed 25%, @ room temperature			
Tensile	700 psi 4826 kPa	ASTM D-412			
Elongation	650%	ASTM D-412			
Thermal Conductivity	1.08 BTU,in./hr.ft. ² °F				
Temperature Range	+300°F (+149°C) -20°F (-29°C)				



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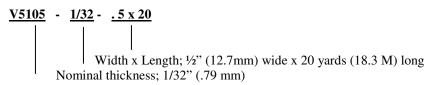
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AVAILABLE PRODUCTS:

Part Number	V5105	Solid Silicone Tape with Acrylic PSA							
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								
Custom Die Cut	X								
Roll Length	20 yards								
Slit widths to meet customer needs from 3/8" (9.5mm) to 35" (88.9 cm)									
X = standard product									

PART NUMBER SYSTEM:



Product Series Number; Solid Silicone Rubber with Acrylic PSA, Pressure Sensitive Adhesive

COLORS:

Gray = 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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