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www.Viadon.com
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PRODUCT:

Series V5104 Solid Silicone Tape, 30 Durometer with Silicone Pressure Sensitive Adhesive

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PRINCIPAL USES:

Series V5104 solid silicone tape combines a 30 durometer, shore A solid silicone rubber with a high temperature silicone 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	Silicone	
Adhesive Shelf Life	6 months	
Adhesion	15 oz./in. width 16.7 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	+500°F (+260°C) -100°F (-73°C)	

**ISO 9001 Certified Master Distributor and Converter
 A Courtright Company – Since 1938**



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AVAILABLE PRODUCTS:

Part Number	V5104	Solid Silicone Tape with Silicone 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:

V5104 - 1/32 - .5 x 20

|
 |
 | Width x Length; 1/2" (12.7mm) wide x 20 yards (18.3 M) long
 |
 | Nominal thickness; 1/32" (.79 mm)
 |
 | Product Series Number; Solid Silicone Rubber with Silicone 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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