



## Description

Gaska Tape's VK Series products are available as a medium or high density closed-cell Polyvinyl Chloride foam. Designed specifically as a "spacer in structural silicone curtain wall applications."

Both products are coated on each side with an aggressive, high performance S3 solvent acrylic pressure-sensitive adhesive and covered with a 5 mil blue polypropylene film liner.

Can also be used in a wide variety of other applications that previously relied on costly high-density urethane gaskets for spacing, vibration dampening or cushioning.



**VK1826SA**



**VK2526SA**

## Performance Characteristics

- Resilient weather seal.
- Compatible with most chemical cured silicone sealants.
- VK Series spacer materials have a six-month shelf life on Solvent Adhesives.
- VK Series offers a good balance of peel strength (PSTC-1) at 2-lbs./linear inch and shear strength (PSTC-7) at 30 hours.
- VK Series is a cost effective substitute for Polyurethane foam substrates.
- VK Series also offers good adhesion to stainless steel, glass, aluminum, painted metal and vinyl. It is a cost-effective and viable gasket option for a variety of other industries including industrial equipment manufacturing, automotive glass/windshield and building construction.
- Black color standard.
- Other colors available upon request.

**• Several well known silicone manufacturers have approved the VK Series in compatibility testing with their silicones. Results available upon request.**

**• VK Series is a very economical alternative to costly high-density urethanes.**

**• Good chemical resistance and is compatible with silicone materials, has a workable service temperature range, plus good weatherability.**

**• Inherently resistant to fire, ultraviolet rays, most chemicals, acids and solvents.**

## Industry Applications

- Automotive
- Construction
- H.V.A.C.
- Industrial
- Leisure
- Transportation
- Retail

## Roll Sizes

Available Thicknesses:

**VK1826SA** .031" - .375" (0.8mm - 9.5mm)

**VK2526SA** .031" - .250" (3.2mm - 6.4mm)

Available Widths:

.250" - 57" (6.4mm - 1448mm)

Available Lengths:

25' - 302' (7.7M - 92M)

## Benefits & Features

Characteristics common to all Gaska Tape closed-cell vinyl foam products include the ability to make a long life seal against air, moisture, light and dust penetration. They cushion and absorb vibration and shock. They also insulate in thermal, electrical and sound applications.

## Typical Physical Properties\*

Test Method		VK1826SA	VK2526SA
ASTM D-1056	<b>Density</b> (lbs./cu.ft.) (kg/m <sup>3</sup> )	<b>19</b> <b>304</b>	<b>25</b> <b>400</b>
ASTM D-2240	<b>Hardness</b> (shore 00)	<b>65</b>	<b>90</b>
ASTM D-1056	<b>Compression Deflection @ 25% kPa</b> (psi)	<b>15 (2)</b> <b>103</b>	<b>25 (2)</b> <b>172</b>
ASTM D-1056	<b>Compression Set @ 25%</b>	<b>2.5 (2)</b>	<b>2.3 (2)</b>
ASTM D-1056	<b>Water Absorption</b> (% by volume)	<b>2.2</b>	<b>1.2</b>
ASTM D-412	<b>Tensile Strength kPa</b> (psi)	<b>85</b> <b>586</b>	<b>175</b> <b>1207</b>
ASTM D-412	<b>Percent Elongation</b>	<b>70</b>	<b>90</b>
ASTM C-518	<b>Thermal Conductivity</b> (k factor) w/mK (btu-in.)/(hr.sq.ft.) (°F)	<b>0.29</b> <b>0.044</b>	<b>0.33</b> <b>0.048</b>
	<b>Recommended Service Temperature</b> (°F) (°C)	<b>-10 - 210</b> <b>-23 - 100</b>	<b>-10 - 210</b> <b>-23 - 100</b>
	<b>Recommended Application Temperature</b> (°F) (°C)	<b>50 - 110</b> <b>10 - 45</b>	<b>10 - 110</b> <b>10 - 45</b>
	<b>Fungi Resistance</b>	<b>Good</b>	<b>Good</b>
	<b>Oxidation Resistance</b>	<b>Good</b>	<b>Good</b>
	<b>Weather Resistance</b>	<b>Good</b>	<b>Good</b>

### Notes:

Gaska Tape VK Series Spacer has a six-month shelf life on Solvent Adhesives.

- (1) Gaska Tape Procedure
- (2) 10% Compression

Typical performance properties and characteristics are based on samples tested and are not guaranteed for all samples of this product.

Data is intended as a guide only and is presented without guarantees and without assumption of liabilities resultant from the use of information provided. This data is not to be used for specification purposes.

## Warranty

Gaska Tape Inc. warrants its product to be free from defects in material and workmanship for a period of twelve (12) months beginning on the date of purchase, provided the purchaser installs and uses the products according to any instructions provided by Gaska Tape Inc. Any product which fails during the warranty period due to a defect will be replaced.

Upon request, Gaska Tape Inc. will be pleased to provide a copy of its written Limited Warranty with complete details of coverage, conditions and limitations.

Gaska Tape Inc. makes no other warranty, expressed or implied, and specifically disclaims and disavows any implied warranty of merchantability and of fitness for a particular use.

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