



## Description

Gaska Tape's SO500 Series is a specifically formulated, super soft, semi-open cell Polyvinyl Chloride foam that can be produced with or without adhesive on one side.

SO500 is formulated and manufactured for applications

that require a very soft product with a very low force to compress.

This product has been specifically formulated to meet or exceed the Federal Motor Vehicle Safety Standard (FMVSS) 302A.

## Performance Characteristics

- Seals out air, condensation, light and dust when compressed.
- Provides cushioning, vibration dampening, and sound deadening.
- Conforms to irregular surfaces and curves and can be used as a stuffer.
- Alternative to low perm urethane and mechanically crushed rubber foams where longer product life is necessary.
- High-tack acrylic adhesive has a wide temperature service range.
- Used in conjunction with thin gauge plastics and sheet metal to prevent over-bowing or over-flexing.
- Die or kiss cutting SO500 Series is available on 84# polycoated release paper or 12pt. release board.
- Can be laminated to polyester film to provide dimensional stability.
- Black color standard.
- Other colors available upon request.

## Industry Applications

- Automotive
- H.V.A.C.
- Transportation
- Appliance

• **Easy release liner prevents stretching during installation.**

• **Low-density foam easily conforms to irregular surfaces and curves.**

• **Excellent for filling larger voids and variable gaps.**

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

# SO500 Series

Low Density

## Roll Sizes

Available Thicknesses:  
.125" - 1.00" (3.0mm - 25.4mm)

Available Widths:  
1.00" - 57" (25.4mm - 1448mm)

Available Lengths:  
12' - 152' (4M - 46M)

## Benefits & Features

Characteristics common to all Gaska Tape vinyl foam products include the ability to make a long life seal against air, 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		SO500
ASTM D-1667	<b>Density</b>	(lbs./cu.ft <sup>3</sup> ) <b>5</b>
		(kg/m <sup>3</sup> ) <b>80</b>
ASTM D-2240	<b>Hardness</b> (shore 00)	<b>8</b>
ASTM D-1667	<b>Compression Deflection @ 25%</b>	(psi) <b>0.3</b>
		kPa <b>2</b>
ASTM D-1667	<b>Compression Set @ 25%</b>	<b>5%</b>
GTP (1)	<b>Water Absorption</b> (% by volume)	<b>20</b>
ASTM D-412	<b>Tensile Strength</b>	(psi) <b>10</b>
		kPa <b>70</b>
ASTM D-412	<b>Percent Elongation</b>	<b>100</b>
ASTM C-518	<b>Thermal Conductivity</b> (kfactor)	<b>0.26</b>
		(btu-in./hr.·sq.ft.·°F) <b>0.037 W/mK</b>
<b>Recommended Service Temperature</b> (°F)		<b>-40 - 180</b>
		(°C) <b>-40 - 82</b>
<b>Recommended Application Temperature</b> (°F)		<b>50 - 110</b>
		(°C) <b>10 - 45</b>
<b>Fungi Resistance</b>		<b>Excellent</b>
<b>Oxidation Resistance</b>		<b>Excellent</b>
<b>Weather Resistance</b>		<b>Excellent</b>

### Notes:

The length of the rolls vary depending on the thickness of the material. Gaska Tape offers standard length logs, master logs are double the standard length plus 2' and available upon request for quote.

### (1) Gaska Tape Procedure

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 invoice, 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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