



### 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 is an alternative to low perm urethane and mechanically crushed rubber foam where longer product life is necessary.

### ROLL SIZES

Available Thicknesses:  
.125" - 1.00" (3.2mm- 25.4mm)

Available Widths:  
.250" - 57" (6.4mm – 1448mm)

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

### PERFORMANCE CHARACTERISTICS

- Low compression with limited sealing ability.
- Provides cushioning, vibration dampening, and sound deadening.
- Conforms to irregular surfaces and curves and can be used as a stuffer.
- Used in conjunction with thin gauge plastics and sheet metal to prevent over-bowing or over-flexing.
- High-tack acrylic adhesive has a wide temperature service range.
- **SO500** Series is a self -extinguishing formulation and meets FMVSS 302A
- **SO510** is available on 84# polycoated release paper, 12pt release board, or laminated to polyester film to provide dimensional stability.
- Specifically formulated to meet automotive specifications-see **Gaska Tape Automotive Products** on our website.
- Black color standard, other colors available upon request.
- Sulfur-Free

Test Method- Typical Physical Properties	SO500
ASTM D-1667 <b>Density</b>	5 lbs/ft <sup>3</sup> 80 kg/m <sup>3</sup>
ASTM D-2240 <b>Hardness</b> (shore 00)	8
ASTM D-1667 <b>Compression Deflection @ 25%</b>	0.3 psi 2 kPa
ASTM D-1667 <b>Compression Set @ 25%</b>	5 %
GTP <sup>(1)</sup> <b>Water Absorption</b> (% by volume)	20 %
ASTM D-412 <b>Tensile Strength</b>	10 psi 70 kPa
ASTM D-412 <b>Percent Elongation</b>	100
ASTM C-518 <b>Thermal Conductivity</b> (K Factor)	0.26 btu-in./hr-ft <sup>2</sup> ·°F 0.037 W/mK
<b>Recommended Service Temperature</b>	-40 - 180 °F -40 - 82 °C
<b>Recommended Application Temperature</b>	50 - 110 °F 10 - 45 °C

(1) Gaska Tape Procedure

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.

### Additional Information:

You will find the following pages on our website helpful as you consider our products and configurations.

[Product Description](#)  
[Die Cutting Descriptions](#)  
[Standard Lead Times](#)  
[Standard Product List](#)  
[Manufacturing Tolerances](#)  
[Vinyl Foam Typical Properties](#)

Market & Application info. is also available on our Website.

Please email us for more information:  
salesorders@gaska.com

### 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 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.