



## Description

Gaska Tape now has the capability of making polyvinyl nitrile foams (PVN Series). These sulphur free materials include very low density, semi-open cell foams as well as a full range of closed cell foams.

This series can be cast on releasing paper liner as well as permanently bonded to polyester film or aluminum foil. PVN is made in a wide range of densities.

Characteristics common to all Polyvinyl Nitrile products (PVC/NBR blends) include the ability to have good resistance to chemicals, abrasion and tearing. This product is suggested for use in applications requiring improved heat, oil and fuel resistance, as well as improved elasticity.

These materials are generally used for cushioning, insulating and vibration dampening.

## Performance Characteristics

- Absorbs shocks, cushions, deadens sound and eliminates excess vibration.
- Provides an excellent buffer between contact surfaces.
- PVN Series is a self-extinguishing formulation and meets FMVSS 302A.
- PVN is cast-on a 7 mil clay coated paper.
- PVN6# complies with Ford Specification WSB-M3G102-B2.
- PVN7# complies with Chrysler Specification MS-AY516 Type 1.
- Good for chemical resistance & durability.
- PVN Series is available in higher density (up to 30 pcf), even more durable upon request.
- Light density foam is easy to compress and conformable, it is still strong and resilient.
- Black color standard.
- Other colors available upon request.

## Industry Applications

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

- **PVN is available with a tough polyester film, reduces wear, prevents any tendency to stick to surfaces, and eliminates the possibility of stretching foam.**
- **Available with A3 adhesive, an aggressive acrylic that provides an excellent combination of tack and holding power. Bonds quickly to most surfaces that are kept clean, dry and free from contamination.**
- **PVN is specifically formulated to meet automotive industry specifications.**
- **Inherently resistant to fire, ultraviolet rays, most chemicals, acids and solvents.**
- **Available in higher density's for more durability.**

## Roll Sizes

Available Thicknesses:

<b>PVN600</b>	.118" - .591" (3.0mm - 15.0mm)
<b>PVN700</b>	.079" - .591" (2.0mm - 15.0mm)
<b>High Density</b>	<b>.039" - .394" (1.0mm - 10mm)</b>

Available Widths:

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

Available Lengths:

10' - 302' (3M - 92M)

## Benefits & Features

Characteristics common to all Polyvinyl Nitrile products (PVC/NBR blends) include the ability to have good resistance to chemicals, abrasion and tearing. This product is suggested for use in applications requiring improved heat, oil and fuel resistance, as well as improved elasticity.

These materials are generally used for cushioning, insulating and vibration dampening.

## Typical Physical Properties\*

### Test Method

		PVN600/PVN700	
ASTM D-1667	<b>Density</b> (lbs./cu.ft. <sup>3</sup> ) (kg/m <sup>3</sup> )	<b>6</b> <b>96</b>	<b>7</b> <b>112</b>
ASTM D-2240	<b>Hardness</b> (shore 00)	<b>5</b>	<b>22</b>
ASTM D-1667	<b>Compression Deflection @ 25%</b> (psi) kPa	<b>0.4</b> <b>3</b>	<b>2.5</b> <b>17</b>
ASTM D-1667	<b>Compression Set @ 25%</b>	<b>5%</b>	<b>5%</b>
GTP (1)	<b>Water Absorption</b> (% by volume)	<b>N/A</b>	<b>1.8%</b>
ASTM D-412	<b>Tensile Strength</b> (psi) kPa	<b>28</b> <b>193</b>	<b>35</b> <b>240</b>
ASTM D-412	<b>Percent Elongation</b>	<b>210</b>	<b>175</b>
ASTM C-518	<b>Thermal Conductivity</b> (kfactor) (btu-in./hr. ·sq.ft. <sup>29</sup> -F)	<b>0.27</b>  0.039W/mK	
	<b>Recommended Service Temperature</b> (°F) (°C)	<b>-40 - 180</b> <b>-40 - 82</b>	
	<b>Recommended Application Temperature</b> (°F) (°C)	<b>50 - 110</b> <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.

International Inquiries:  
Phone: 00-574-294-5431

1810 W. Lusher  
P.O. Box 1968  
Elkhart, IN 46515-1968

 **Gaska Tape Inc.**  
INNOVATORS IN FOAM AND TAPES  
www.gaska.com

Phone: 574-294-5431  
Fax: 574-293-4504  
Toll free: 800-423-1571  
email: sales@gaska.com