



## Description

Gaska Tape's EP900 Series is a medium density closed-cell Polyvinyl Chloride foam. Previous testing of a high quality, die cut part (shaped for use as an ear plug) of .780" thickness and 0.53" diameter resulted in an average NRR rating of 31.3 when measured from 125 to 8000 Hertz (five subjects, average of nine hertz readings [Mean-2 times Standard Deviation]).

Characteristics common to all closed-cell vinyl foam products include the ability to make a long life seal against air, moisture, light and dust penetration. Closed-cell vinyl foam completely seals out air, moisture, light and dust when compressed 30% or more.

## Performance Characteristics

- Slow recovery foam.
- Flexes to protect irregular surfaces.
- Available for die cutting when laminated.
- EP900 Series is provided in sheet form.
- Roll form is available in 0.500" thickness and under.
- Adhesives can be applied upon request.
- EP900 is cast-on a 7 mil clay coated paper for a smooth surface.
- Can be made in a variety of colors.
- Bi-colors also available.

## Industry Applications

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

- EP900 is great for sound deadening.
- Available with aggressive acrylic adhesives, depending on your application needs.
- Inherently resistant to fire, ultraviolet rays, most chemicals, acids and solvents.

# EP900 Series

Earplug

## Roll Sizes

Available Thicknesses:  
.079" - .787" (2.0mm - 20mm)

Available Widths:  
.250" - 56" (6.4mm - 1422mm)

Available Lengths:  
3.5' (Sheets) - 150' (1.06M - 46M)

## 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		EP900
ASTM D-1667	<b>Density</b> (lbs./cu.ft <sup>3</sup> ) (kg/m <sup>3</sup> )	9
		144
ASTM D-2240	<b>Hardness</b> (shore 00)	30
ASTM D-1667	<b>Compression Deflection @ 25%</b> (psi) kPa	3.5
		24
ASTM D-1667	<b>Compression Set @ 25%</b>	20%
ASTM C-518	<b>Thermal Conductivity</b> (kfactor) (btu-in./hr. .sq.ft. <sup>2</sup> .F)	0.27
		0.039W/mK
	<b>Recommended Service Temperature</b> (°F) (°C)	-30 - 180 -35- 80
	<b>Recommended Application Temperature</b> (°F) (°C)	50 - 110 10 - 45
	<b>Fungi Resistance</b>	Excellent
	<b>Oxidation Resistance</b>	Excellent
	<b>Weather Resistance</b>	Excellent

Notes:

The EP900 Series is a specialty product that will be quoted upon request based on thickness, width, volume, color, and application.  
(1)

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