



Description

V612-FR consists of closed-cell Polyvinyl Chloride foam permanently cast on heavy-duty aluminum foil. Vyn-Alum acts as an effective insulator and prevents condensation or moisture build-up on surfaces to which it is applied.

V612-FR is a special formulation that meets Building Materials Specification FHC 25/50 flame and smoke spread index (UL 723 Test Method).



V612-FR

Performance Characteristics

- Formulated from durable Polyvinyl Chloride (PVC) for a long service life.
- Seals out air, condensation, light and dust when compressed.
- Flexes to fill-in and seal irregular surfaces.
- Reduces vibration and deadens sound in H.V.A.C. applications.
- An excellent thermal barrier to eliminate heat transfer from pipes and ducts.
- Eliminates condensation and moisture build-up on water pipes.
- A standard (G1) emulsion acrylic adhesive is used and suitable for substrates that consist of low temperature applications and oily surfaces.
- Gray color standard for the foam.

Industry Applications

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

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

• V612-FR maintains its physical properties at service temperatures ranging from -40° to 180° F.

• V612-FR is a self-wound product for easy use during installation.

V612-FR Series

Vyn-Alum

Roll Sizes

Available Thicknesses:
.125" - .250" (3.2mm - 6.4mm)

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

Available Lengths:
15' - 152' (4.6M - 46.3M)

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		V612-FR
ASTM D-1667	Density (lbs./cu.ft. ³) (kg/m ³)	6
		96
ASTM D-2240	Hardness (shore 00)	20
ASTM D-1667	Compression Deflection @ 25% (psi) kPa	1.8
		12
ASTM D-1667	Compression Set @ 25%	7%
GTP (1)	Water Absorption (% by volume)	1.2%
ASTM D-412	Tensile Strength (psi) kPa	22
		152
ASTM D-412	Percent Elongation	140
ASTM C-518	Thermal Conductivity (k factor) (btu-in./hr. ·sq.ft. ² ·F) W/mK	0.26
		0.037
Recommended Service Temperature (°F) (°C)		-40 - 180 -40 - 82
Recommended Application Temperature (°F) (°C)		50 - 110 10 - 45
Fungi Resistance		Excellent
Oxidation Resistance		Excellent
Weather Resistance		Excellent
(1) Gaska Tape Procedure		

Notes:

V612-FR, aluminum foil, foam, adhesive, the composite of these three components meet FHC 25/50. The standard thickness manufactured is .125", up to .250" available upon request for quotation.

(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