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).

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°F to 180°F.
- V612-FR is a self-wound product for easy use during installation.
## 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*

<table>
<thead>
<tr>
<th>Test Method</th>
<th>V612-FR</th>
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<tbody>
<tr>
<td><strong>Density</strong></td>
<td>6 (lbs./cu.ft.)</td>
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<tr>
<td></td>
<td>96 (kg/m³)</td>
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<tr>
<td><strong>Hardness</strong></td>
<td>20 (shore 00)</td>
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<tr>
<td><strong>Compression Deflection @ 25%</strong></td>
<td>1.8 (psi)</td>
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<td></td>
<td>12 (kPa)</td>
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<tr>
<td><strong>Compression Set @ 25%</strong></td>
<td>7%</td>
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<tr>
<td><strong>Water Absorption</strong></td>
<td>1.2% (by volume)</td>
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<tr>
<td><strong>Tensile Strength</strong></td>
<td>22 (psi)</td>
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<tr>
<td></td>
<td>152 (kPa)</td>
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<tr>
<td><strong>Percent Elongation</strong></td>
<td>140</td>
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<tr>
<td><strong>Thermal Conductivity</strong></td>
<td>0.26 (W/mK)</td>
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<td>0.037 (btu-in/hr.-sq.ft.-°F)</td>
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**Recommended Service Temperature**
- (°F) -40 – 180
- (°C) -40 – 82

**Recommended Application Temperature**
- (°F) 50 – 110
- (°C) 10 – 45

**Fungi Resistance** | Excellent
**Oxidation Resistance** | Excellent
**Weather Resistance** | Excellent

*(1) Gaska Tape Procedure

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.