

# Product Data Sheet

## VC Series Low Density PVC Foam Tapes

### GENERAL DESCRIPTION

**VC07B** and **VC08G** closed-cell PVC foam tapes are designed to completely seal out air, light, moisture and dust when compressed 25 to 50%. The material cushions against vibration and shock, deadens sound, and is easily compressed and conformed. It is also resistant to UV light as well as most solvents and chemicals, and has very low compression set characteristics.

### MATERIAL FEATURES & OPTIONS

- > Black (VC07B) or gray (VC08G) are standard colors; color matching is available.\*\*
  - > Standard with a high tack, water-based acrylic adhesive on 1 side. Also available without adhesive.
  - > Can be supplied with a polyester film or aluminum foil facing.\*\*
  - > Standard product meets FMVSS302; the self-extinguishing version meets UL 94 HF-1.\*\*
  - > Available in a wide range of thicknesses and custom slit to width.
- \*\*Minimum order quantity may apply.

### INDUSTRIES SERVED

- |                                |                |
|--------------------------------|----------------|
| > Automotive / Transportation  | > Construction |
| > HVAC                         | > Industrial   |
| > Fenestration / Architectural | > Retail       |
| > Appliance                    | > Electronics  |

### NOTES

**Reverse-Wrapping** is a process used to configure the adhesive-coated side of the foam such that it is not exposed when the roll is unwound. The foam is manufactured with the adhesive side exposed; by removing the outer layer of paper release liner and tearing it off at the start of the next layer, the roll has been reverse-wound (the PSA is no longer exposed, but facing the paper backing). The result is a loss in yield equal to the length of the torn away liner, or the outer circumference of the roll.

The information and recommendations set forth herein ("information") are presented in good faith and believed to be correct at the date of printing. However, the recipient shall be responsible for ensuring the accuracy, completeness and suitability for intended use. In no event will INSUL-FAB be responsible for damages of any nature whatsoever resulting from the recipient's sole reliance upon this information.

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PDS.Foam.VC Series Low Density.1-2011

TOLL FREE: 800-442-1338 • [www.insulfab.net](http://www.insulfab.net) • TEL: 214-956-0055  
FAX: 214-956-0848 • 600 Freeport Pkwy., Suite 150 Coppell, TX 75019

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Properties	Test Method	Range	Units/Notes
Colors			Black or Gray
Density	ASTM D-1667	7 - 8 112 - 128	lbs/ft <sup>3</sup> kg/m <sup>3</sup>
Compression Deflection @25%	ASTM D-1667	1 - 2 8 - 14	lbs/in <sup>2</sup> kPa
Hardness (shore 00)	ASTM D-2240	20 - 25	
Compression Set @ 25%	ASTM D-1667	4.0	%
Water Absorption	Mfr. Procedure	1.1	% by volume
Tensile Strength	ASTM D-412	25 - 30 173 - 207	lbs/in <sup>2</sup> kPa
Elongation	ASTM D-412	150	%
Thermal Conductivity	ASTM C-518	.27 .039	(Btu-in)/(hr.sq.ft)(°F) w/mK
Flammability	FMVSS 302 UL 94HF-1		Pass Available as an option
Recommended Service Temp.		-40 to 180 -40 to 82	°F °C
Adhesion	PSTC-101	180+ 3+	Minutes @ 70°F Minutes @ 160°F
Recommended Application Temp.		50 to 110 10 to 45	°F °C
Fungi Resistance			Excellent
Oxidation Resistance			Excellent
Weather Resistance			Excellent

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