



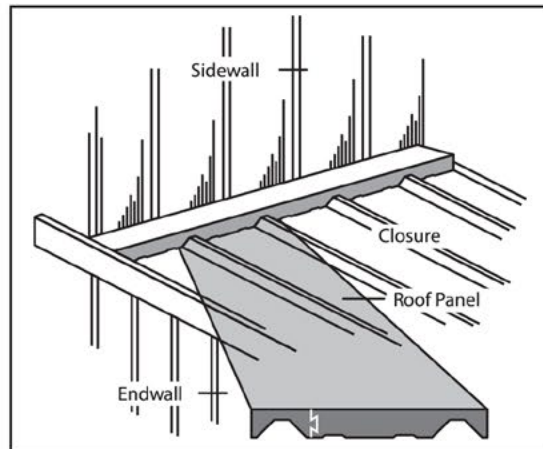
METAL FASTENING

Systems, Inc

www.metalfasteningssystem.com

Close-Lock Vent-Lock

Panel Fit Closure and Universal Venting Material



TYPICAL APPLICATION

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THE NEXT GENERATION OF HIGH PERFORMANCE FASTENERS AND ACCESSORIES

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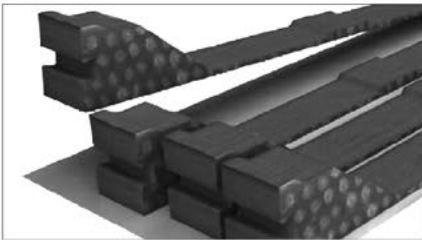
Panel Fit Closure Strips -----

Pre-Compressed, Self-Expanding Polyurethane Foam Closure -----

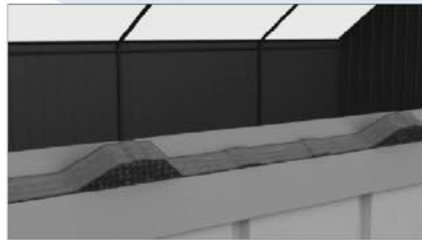
Panel Fit & Universal Venting Closure -----

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Closure Installation



Step 1: Ensure the self-adhesive closure configuration fits the roof panel used.



Step 2: The inside closure fits the under side of the panel. Position the honeycomb texture side outward for optimal UV protection.



Step 3: Place the roof panel over pre-cut closure configuration for a snug fit. Attach panel over closure with the proper fasteners.

Features and Benefits

- Material thickness*: 1", 1-1/2", 2"
- Polyethylene foam for exceptional strength and compressibility
- Interlocking dovetail connections available on many profiles
- Resists damaging ultra violet rays and ozone deterioration
- One person installation
- Color: Charcoal
- Available with adhesive applied to assure positive positioning during installation
- Hundreds of profile configurations available

* Not all closure profiles available in all material thicknesses



Application

Designed to close gaps in roof and sidewall applications

Product Selection

Many profiles available to match most OEM panel profiles. Popular items listed.

Material No.

Inner with Adhesive	Inner No Adhesive	Outer with Adhesive	Outer No Adhesive	Profile Description	Pieces / Carton
799586	799582	799598	799589	3/4" HiRib	100
799448	799444	799457	799450	R panel	100
799403	799399	799403	799399	2.67"x1/2" corrugated	100
799434	799433	799434	799433	7.2 pitch	100
799607	799605	799612	799609	M/U panel	100
799570	799569	799577	799573	Pro Panel II	100
799754	799570	799758	799755	5V Crimp	100

Product Specifications

Test	Test Method	Units	Values 1"	Values 1-1/2" & 2"	
Density	BS ISO 7214 1998	lb/ft ³	1.5	1.8	
Working Temperature Range	Internal	°F	212 max	212 max	
			-94 min	-94 min	
Compression Deflection	25%	BS ISO 7214 1998	psi	7.7	9.3
				50%	17.1
Compression Set	25% - 1/2 hr	BS ISO 7214 1998	% set	13.0	10.5
	25% - 24 hr			5	3
Tear Strength	BS EN ISO 8067 1995	lb/in	2.8	4.2	
Tensile Strength	ISO 7214 1998	psi	46.4	54.4	
Elongation		%	130	140	
Flammability	FMVSS302	4"/min	Pass	Pass	
Shore Hardness	ISO 868 1985	OO	50	53	

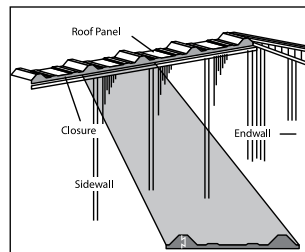
Maximum service temperature is 212° F. Applications where service temperature exceeds 212° F should be avoided, as the material can experience thermal degradation.

Installation and Application Considerations

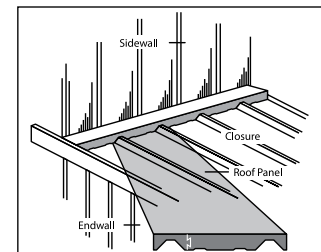
VistaFoam closure is not recommended for installation or placement beneath translucent or clear materials where it may be exposed to direct sunlight. The potential intensification of the sun's rays may result in increased temperatures which could effect the condition of the material.

Metric values are approximate conversions.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent warranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.



Typical Inside Closure Application



Typical Outside Closure Application



Features and Benefits

- Pre-compressed, self-expanding polyurethane foam with acrylate dispersion impregnation
- Provides resistance to rain, wind, sun/UV, sound, draft and dust
- Test after 15 years field-installation certifies full performance including sun/UV-resistance
- Pressure sensitive adhesive for fast and easy installation
- Flame retardant

Application

Sealing joints and seams in metal panels, gaps around door and window frames, and expansion joints in buildings

Product Selection

Material No.	Size Thickness x Width	Compressed Thickness on Roll	Expanded Thickness @ 100% Performance	Fully Expanded Thickness	Length	Packaging
1305091	1/4" x 1"	1/8"	1/4"	1"	20.0 ft.	12 rolls/ctn
1305092	3/8" x 1"	3/16"	3/8"	1-1/2"	15.0 ft.	12 rolls/ctn

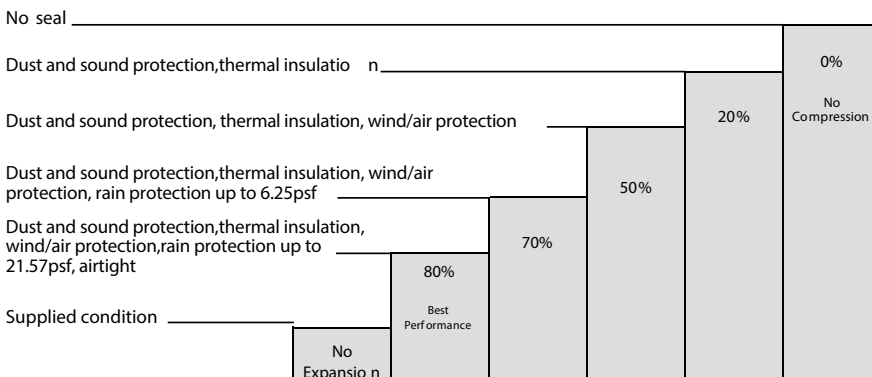
Product Specifications

Property	BG1
Color	Black
Resistance to water penetration*	ASTM E 331/E 547/DIN 18542 BG1 12.5 psf (> 600 Pa)
Heat resistance	Long Term: -40°F - 194°F (-30°C - 90°C) Short Term: -40°F - 248°F (-40°C - 120°C)
Tensile strength	ASTM D3574/ISO 1798 > 100 kPa / > 14 psi
Compression force	ASTM D3574/ISO 3386 3.4 kPa / 0.49 psi, 40% compression
Density	ISO 845 65 kg/m ³ ± 10% (4 lb/ft ³)
Thermal conductance	DIN EN 12667 $\lambda = 0.0412 \text{ W/mK}$ (0.297 Btu*in/ (h*ft ² +F) R-value 1" tape = 3.509 h*ft ² F/Btu
Shelf life	24 months from date of production
Hurricane test loads (ATI in York, PA)*	ASTM E 330 ± 75.24 psf Test Loads, Uniform Load Deflection ± 18797 psf Test Loads, Uniform Load Structural
Air tightness (ATI in York, PA)*	ASTM E 283 0.08 cfm/ft (1.57 psf) 0.33 cfm/ft (6.25 psf)
Driving rain tightness (ATI in York, PA)*	ASTM E 331 ≥ 21.93 psf (≥ 1050 PA)
Compatibility with adjoining building materials*	DIN 18542 No bleeding, no corrosion, no staining, no discoloration

*Data based on product thickness at 100% performance (80% compression)

Performance Data

Product Performance Levels Based on Compression % of Expanded Thickness



Application Considerations

Hannoband is not intended for and is not suitable for use as a closure filler strip.

Safety

On the basis of existing data and experience, the product is not hazardous in the meaning of the Hazardous Material Regulations. We recommend however that you take the same care and use the same hygiene as with chemical materials.

Disposal

Residual tape can be disposed of in the household waste. The local regulations are to be adhered to.

Panel fit and Universal Venting Material



Features and Benefits

- Eliminates condensation
- Reduces utility bills through added attic ventilation
- Prevents moisture, pests and dust from entering the structure
- Fits any ridge cap
- Panel fit custom cut profiles fit most panels
- Universal available in 2 sizes
- One person installation
- Two beads industrial strength adhesive
- No fiber debris in packages
- No installation hardware required
- Flame spread passes criteria for HB classification, Appendix 1 of ASTM D635
- 40 year limited warranty
- Made in USA

Application

- Ridge vent ventilation material

Approvals

Miami-Dade approved on select panel fit items



- R Panel
- 3/4" Hi-Rib
- 1" x 16" SL-16 standing seam

Product Specifications

Property	Panel fit VistaVent *	Universal VistaVent *
Net Free Area	Up to 23 sq. in. of NFA per lineal ft. of ridge*	Up to 23 sq. in. of NFA per lineal ft. of ridge*
Roof Slope	Fits 2:12 and up	
Adhesive	2 beads of industrial strength adhesive 3 ft. sticks have paper backing	2 beads of industrial strength adhesive
Air Permeability	> 800 cubic feet per minute	> 760 cubic feet per minute
Tear Strength	3.5 ppi	3.5 ppi
Tensile Strength	16 psi - elongation 175%	16 psi - elongation 175%
Compressive Strength	1.8 psi at 75%	1.8 psi at 75%
Abrasion	No damage	No damage
Water Infiltration	Passes 110 mph wind driven rain test	
Cold Cracking	-	-55° C (-130° F)
Material	Made with unique polyester fiber to deliver durable, long-lasting performance	Made with unique polyester fiber to deliver durable, long-lasting performance

*Based on 1" nominal thickness. Effective net free area determined by panel profile.

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