

# Hannoband® BG1



## 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

Sold in full carton quantity only.

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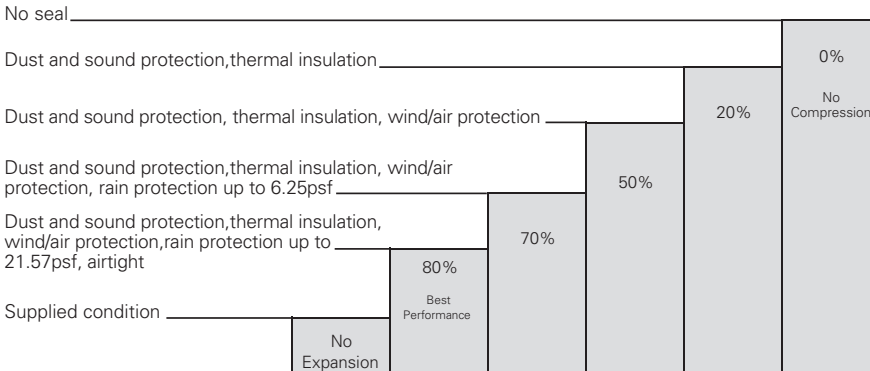
## Product Specifications

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 <sup>3</sup> ± 10% (4 lb/ft <sup>3</sup> )
Thermal conductance	DIN EN 12667	$\lambda = 0.0412 \text{ W/mK}$ (0.297 Btu*in/ (h*ft <sup>2</sup> +F)) R-value 1" tape = 3.509 h*ft <sup>2</sup> 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 ± 187.97 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.