



Description

Gaska Hi Bond Adhesive System (GHB[®]) consists of a foamed acrylic core that is coated on both sides with high performance acrylic adhesives. This adhesive system provides excellent long term holding power. The tape incorporates a strong closed cell foamed core that conforms to a wide variety of substrates providing a superior bond.

GHB[®] tapes are well suited for interior and exterior applications and in many instances can replace rivets, screws, welds and liquid adhesives. GHB[®] tapes will bond to most dry, clean, oil free surfaces and provide bond strengths along with dynamic shear that is significantly higher than typical pressure-sensitive tapes.

Performance Characteristics

- Designed specifically to bond to high energy surfaces, but will work with low energy surfaces.
- High tensile, shear and peel adhesion.
- Moisture/solvent resistant with excellent weathering properties.
- Shock, vibration and noise dampening.
- Ease of application reduces production time and cost.
- Creates permanent dust, light, air and moisture seal.
- Exceptional dynamic shear properties at cold and hot temperatures.
- Soft black foam provided on red polyethylene liner.

Industry Applications

- Transportation-
Interior and Exterior Mounting Applications
- Leisure-
Recreational Vehicles, Marine
- Appliances-
Refrigerators, Washers, Dryers, Stoves
- Signs-
Highway, Traffic, Advertising, Graphics
- Electronics-
Portable Telephones,
Disk Drives, GPS Systems,
Computer Accessories
- HVAC-
Air Conditioners
- Construction-
Interior Moldings & Plastics

- **Clean, ease of use.**
- **Bonds dissimilar materials.**
- **Allows unique designs, with improved appearance.**
- **Comes with red polyethelene liner for ease of die cutting.**
- **Corrosion resistance.**
- **No fixtures, proven durability, weight reduction.**
- **Seals and bonds, vibration and fatigue resistant.**

Gaska Hi Bond Series

GHB4526BK

Roll Sizes

Available Thicknesses:
.025, .045, 0.63" (0.635mm - 1.6mm)

Available Widths:
.025" Thickness: .250" - 17" (6.4 - 431.80mm)
.045" Thickness: .250" - 36" (6.4 - 914.40mm)
.063" Thickness: .250" - 17" (6.4 - 431.80mm)

Available Lengths:
.025" Thickness: 216' (66M)
.045" Thickness: 108' (33M)
.063" Thickness: 108' (33M)

How To Make Gaska Hi Bond Work

Test Substrate Always test the substrate before applying GHB® for surface energy and contamination. Use the first 4-6" of the roll.

Abrade This step is only necessary if low surface energy or contamination is present. The grit needed will vary.

Cleaning High-performance PSA's like GHB® should have a clean surface. We recommend a 50/50 mix of IPA and water.

Primer Promoter Apply primer when necessary. Recommended for maximum performance.

Applying GHB Overlap both ends by 2". Temperature Should be 50-110°F

Rolling Requires a minimum of 15psi pressure.

Time for Curing

20min - 50%
1 Hr. - 75%
1 Day - 90%
3 Day - 100%

Typical Physical Properties

Test Method (Not for specification purposes.)

		GHB4526BK
ASTM D-1667	Density (lbs./cu.ft. ³)	46
	(kg/m ³)	740
QA3012(1)	Tensile Adhesion (T block)	130
ASTM D-1000	Peel Adhesion (lbs/linear in)	12
QA30060	Holding Power (i80° Shear) (psi)	1.0
QA3030 (1)	Lap Joint (Dynamic) Shear (psi)	120
Recommended Service Temperature (°F)		-31 - 180
(°C)		-35 - 82
Recommended Application Temperature (°F)		50 - 110
(°C)		10 - 45
Oxidation Resistance		Excellent
Weather Resistance		Excellent
(1) Gaska Tape Procedure		

Notes:

Substrate surfaces must be clean and dry to insure a good bond. The use of a primer to clean and properly prepare the surface is recommended before using the GHB4526BK product.

(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.

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