



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.



GHB4726GY

Performance Characteristics

- Designed specifically to bond to high energy surfaces like steel, aluminum, & other metals.
- 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.
- Aids in vibration dampening.

Industry Applications

- Leisure-
Recreational Vehicles, Marine
- Appliances-
Emblems
- Electronics-
Portable Telephones,
Disk Drives, GPS Systems,
Computer Accessories
- HVAC-
Air Conditioners
- Construction-
Mutin Bars

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

Gaska Hi Bond Series

GHB4726GY

Roll Sizes

Available Thicknesses:
.030, .045, 0.63, .090" (0.76mm - 2.3mm)

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

Available Lengths:
.030" Thickness: 108' (33M)
.045" Thickness: 108' (33M)
.063" Thickness: 108' (33M)
.090" 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.)

Test Method		GHB4726GY
ASTM D-1667	Foam Density (lbs./cu.ft.) (kg/m ³)	40 640
QA3012	Tensile Adhesion (T block)	120
ASTM D-1000	Adhesive Peel (psi)	15
QA3006	Holding Power (180° Shear)	3
QA3006	Lap Joint (Dynamic) Shear	100
	Recommended Service Temperature (°F) (°C)	-20 - 200 -29 - 93
	Recommended Application Temperature (°F) (°C)	50 - 110 10 - 45
	Oxidation Resistance	Excellent
	Weather Resistance	Excellent

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 GHB4026WH 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.

Suggest storage at 40 degree F to 100 degree F and 0-90% humidity.

The optimum storage conditions are 55-75 degree F and 0-50% relative humidity.

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 purchase, 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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