



DESCRIPTION

Gaska Hi Bond Adhesive (GHB[®]) is a high performance acrylic adhesive system. GHB4726GY is a gray foamed acrylic core that is coated on both sides with a high performance acrylic adhesive. This strong closed cell foamed core conforms to a wide variety of substrates, but is best suited for powder coated metals, steel, aluminum, ABS plastics, and some painted metals.

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. It provides bond strengths along with dynamic shear that is significantly higher than typical pressure sensitive tapes.

ROLL SIZES

Available Thicknesses:
.045", .090" (1.15mm – 2.3mm)

Available Widths:
.045" Thickness: .250" – 36" (6.4mm – 914.4mm)
.090" Thickness: .250" – 17" (6.4mm – 431.8mm)

Available Lengths:
.045" Thickness: 108' (33m) Red PE Liner
.090" Thickness: 108' (33m) Red PE Liner

PERFORMANCE CHARACTERISTICS

- Designed specifically to bond to high energy surfaces used in muntin bars, marine industry, appliance emblems, and utility trailers.
- Corrosion resistant.
- No fixtures, proven durability, and weight reduction.
- 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.

HOW TO MAKE GASKA HI BOND WORK

Test Substrate	Before applying GHB [®] , always test the substrate 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 15 psi pressure.

Time for Curing	
20 min.	50%
1 hr.	75%
1 day	90%
3 days	100%

Quote can be provided upon request for the Adhesion Promoter.

Test Method- Typical Physical Properties	GHB4726GY
ASTM D-1667 Density	49 lbs/ft³ 780 kg/m³
QA3012 ⁽¹⁾ Tensile Adhesion (T block)	120 psi
ASTM D-1000 Peel Adhesion	15 lbs / linear inch
QA3006 ⁽¹⁾ Holding Power (180° Shear)	3 psi
QA3006 ⁽¹⁾ Lap Joint (Dynamic) Shear	100 psi
Recommended Service Temperature	-20 - 200 °F -29 - 93 °C
Recommended Application Temperature	50 - 110 °F 10 - 45 °C

(1) Gaska Tape Procedure

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 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.