

# **Product Information**

# **ADCOSEAL™ GT**

# **Butyl Glazing Tapes**

### **Description**

ADCOSEAL<sup>TM</sup> GT Butyl Glazing Tapes are extruded, pre-formed architectural tapes furnished rolled on release paper. All tapes assure a long-lasting weather seal between two surfaces which will be subjected to normal expansion, contraction and wind-loading forces.

### **Basic Use**

ADCOSEAL<sup>TM</sup> GT Butyl Glazing Tapes are recommended for use as the primary exterior seal when glazing glass into a window sash. Additional recommended uses are for sealing such architectural surfaces as metal-to-metal joints, wood to glass, and metal to plastic.

## **Safety**

Prior to working with this or any product consult product label and Material Safety Data Sheet (MSDS) for necessary health and safety precautions.

#### Limitations

- For applications above two floors use a spacer, shim, or a structural cap bead (such as silicone) to prevent over compression.
- Do not apply paint to the glazing tape.

#### Color

ADCOSEAL™ GT-1 Gray ADCOSEAL™ GT-4 Black

#### **Performance Standards**

AAMA Certification Program Verified Component List			
AAMA Testing ADCO Products			
AAMA 804.3	ADCOSEAL™ GT-1 & GT-4		
AAMA 807.3	ADCOSEAL™ GT-1 & GT-4		



## **Packaging**

ADCOSEAL<sup>TM</sup> GT Butyl Glazing Tapes are available in the following standard packages:

Part #	<u>Color</u>	<u>Size</u>	<u>Package</u>
GT-0107 GT-0106 GT-0105 GT-0104 GT-0205 GT-0204 GT-0207 GT-0206 GT-0304	Gray Black Gray Black Gray Black Gray Black Black	1/16" x 1/2" x 50' 1/16" x 1/2" x 50' 1/16" x 3/8" x 50' 1/16" x 3/8" x 50' 1/8" x 3/8" x 25' 1/8" x 3/8" x 25' 1/8" x 1/2" x 25' 1/8" x 1/2" x 25' 3/16" x 3/8" x 25'	20 rolls, 1000'/case 20 rolls, 1000'/case 24 rolls, 1200'/case 24 rolls, 1200'/case 24 rolls, 600'/case 20 rolls, 500'/case 20 rolls, 400'/case 24 rolls, 600'/case
GT-0406	Black	1/4" x 1/2" x 20"	20 rolls, 400'/case

# Storage and Shelf Life

Store material in original unopened packaging at temperatures between 40°F-100°F. Shelf life is 24 months when stored as recommended.

**CAUTION:** All statements and technical information in this document are based on tests or data that ADCO believes is reliable. However, ADCO does not warrant or guarantee the accuracy or completeness of this information. The user has sole knowledge and control offactors that can affect the performance of ADCO's products in the user's intended application. It is the user's responsibility to conduct tests to determine the compatibility of ADCO's product with the design, structure, and materials of the user's end product and the suitability of ADCO's product for the user's method of application and intended use. The user assumes all risk and liability arising out of such use.

## **Application Instructions**

The following "Good Glazing Practices" are recommended when using ADCOSEAL™ GT Glazing Tapes:

- Surfaces to be adhered should be free of frost or standing water
- Surfaces to be adhered should be brushed clean, solvent washed (toluene or naptha) and wiped dry. Special primers are available for difficult surfaces.
- At installation positive contact and approximately 10% compression is recommended to fully mate surfaces to be joined.
- Glazing tapes kept under compression with clips or wedges provide the best seals. Always use setting blocks (80 durometer shore "A" hardness), shim is recommended.
- 5. Width of setting block should never be less than glass edge.
- 6. Spacing shims are recommended to accommodate wind loading when glass lite is over 100 united inches (50 durometer shore "A" hardness), shim is recommended.
- 7. Glass bite should not be less than tape width.
- Tape placement on the sill rabbet not to be below the site line unless a cap bead is specified, then tape is placed 3/16" below the site line to allow for cap bead.
- 9. Do not overlap tape to join, always butt ends without stretching.
- 10. In order to keep tape surface clean, leave release paper in place until ready to set the glass.

## **Glazing Compatibility**

It is recommended that glazing materials be tested for compatibility and that all units be glazed in accordance with GANA (Glass Association of North America) and IGMA (Insulating Glass Manufacturers Alliance) recommendations. Contact with any solvent, oil, or plasticizer-containing glazing materials should be avoided.

## Clean-Up

No assembly application clean up required. If disassembly is desired, the butyl glazing tape may be removed from non-aged assemblies by grasping the butyl tape and rapidly (in a snapping motion) pulling it from the substrate surface. Any residual butyl material may be removed from the hardest surfaces with a 50/50 isopropyl alcohol/water solution. DO NOT USE SOLVENTS such as mineral spirits or paint thinners.

#### **Technical Data**

Physical Properties				
	Typical Values	Test Method		
Base Polymer	Butyl Rubber	FTIR		
Solids Content	100%	ASTM C681		
Hardness	20 Durometer Shore A @ 77°F	ASTM C661		
VOC Content	0%	ASTM D3960		
Shrinkage	None	ASTM C771		
Low Temperature Flexibility	Flexible at -29°C (-20°F)	ASTM C765		
Vehicle Migration	No staining	ASTM C772		
Yield Strength	6 psi, minimum	ASTM C908		
Adhesion	Excellent for metal, wood, glass, & masonry surfaces	ASTM C908		
Application Properties				
Service Temperature	-40°F to190°F	ASTM C1257		
Application Temperature	20°F to120°F	ASTM C603		

#### NOTE:

The foregoing information is published as general information only. The listed properties and performance characteristics are typical values and are not to be interpreted as manufacturing specifications.







Code #0011-1209

WARRANTY: ADCO warrants its products to conform to ADCO's specifications at the time of sale when tested according to ADCO standards. If a product is proven to be defective when tested according to ADCO standards, ADCO will, at its option, refund the purchase price or replace or repair the defective product. THIS LIMITED WARRANTY IS THE BUYERS SOLE AND EXCLUSIVE REMEDY AGAINST ADCO AND IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall ADCO be liable for any special, incidental, consequential, or punitive damages arising out of any claims whether based on negligence, contract, warranty, strict liability or otherwise.