

T A P E S

GT SERIES BUTYL GLAZING TAPES

GLAZING TAPES
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PRODUCT NAME

GT Series Butyl Glazing Tapes

PRODUCT DESCRIPTION

GT Series Butyl Glazing Tapes are extruded, preformed architectural tapes furnished on release paper rolls. All tapes assure a long-lasting weather seal between two surfaces which will be subjected to normal expansion, contraction and wind-loading forces.

CRL GT Series Butyl Glazing Tapes comply with the following Federal Specifications:

- AAMA 804.3, 806.3 and 807.3
- ASTM C1281

BASIC USES

GT Series 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.

FEATURES/BENEFITS

- AAMA Certification
- No asbestos
- No cure time
- Zero shrinkage
- Safe for assemblers and users
- Immediate assembly
- No pull back maintains moisture and air infiltration barrier
- Assurance the material will perform on applications requiring a 100% solid extruded tape for back bedding and drop-in glazing applications.

LIMITATIONS

For applications above two floors use a spacer, shim, or a structural cap bead (such as silicone) to prevent over compression or use the GT-100+ series glazing tape. Do not apply paint to the glazing tape.

AVAILABLE COLORS

Black and Gray

INSTRUCTIONS FOR USE

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

1. Surface to be adhered should be free of frost or standing water.
2. Surfaces to be adhered should be brushed clean, solvent washed (Toluene or Naphtha) and wiped dry. Special primers are available for difficult surfaces.
3. At installation positive contact and approximately 10% compression is recommended to fully marry surfaces to be joined.
4. Glazing tapes kept under compression with clips or wedges provide the best seals. Always use setting blocks (80 Durometer Shore "A" hardness) placed at the sill quarter points.
5. Width of setting block never to 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.
8. 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.

Consult FGMA Glazing Manual or window manufacturer for other special conditions of use.

SAFETY PRECAUTIONS

For all products, and for other products used in conjunction with these products, users must follow individual product data sheets and Material Safety Data Sheets (M.S.D.S.) for health and safety precautions. Always use protective eye wear.

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 surface with a 50/50 isopropyl alcohol/water solution. DO NOT USE SOLVENTS such as mineral spirits or paint thinners.

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PACKAGING

Stocked Sizes

| H x W x L | Unit Size |
|--------------------|----------------------|
| 1/16" x 1/2" x 50' | 20 Rolls, 1000'/Case |
| 1/16" x 3/8" x 50' | 24 Rolls, 1200'/Case |
| 1/8" x 3/8" x 25' | 24 Rolls, 600'/Case |
| 1/8" x 1/2" x 25' | 20 Rolls, 500'/Case |
| 3/16" x 3/8" x 25' | 24 Rolls, 600'/Case |
| 1/4" x 1/2" x 20' | 20 Rolls, 400'/Case |

(Special Sizes Available Upon Request)

TECHNICAL DATA

The physical properties of GT Series Tape are shown in Table 1.

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| TABLE 1 - PHYSICAL PROPERTIES | |
|--|---|
| Property/Test Methods | Value |
| Base Polymer, FTIR | .Butyl Rubber |
| Solid Contents, ASTM C681 | .100% |
| Shore A Hardness, ASTM C661 | .20 Durometer @ 77°F (25°C) |
| Cone Pen Hardness, ASTM D217 (150 gm additional load, 5 sec. dwell) | .65-85 dmm .GT-100 + 45-55 dmm |
| Flow, ASTM C1266 | .None |
| VOC Content, ASTM D3960 | .0% |
| Shrinkage, ASTM C771 | .None |
| Low Temperature Flexibility, ASTM C765 | .No Cracks at -10°F (-23°C) |
| Vehicle Migration, ASTM C772 | .No Staining |
| Release Paper Removal, ASTM C879 | .No Tape Compound Transfer to Paper |
| Yield Stength, ASTM C908 | .6 psi, Minimum |
| Water Absorption, ASTM C1016 | .0.04 g/cm ³ Weight Gain, Maximum |
| Adhesion, ASTM C908 | .Excellent for Metal, Wood, Glass and Masonry Surfaces |

| APPLICATION PROPERTIES | |
|---------------------------------------|-----------------------------------|
| Property/Test Methods | Value |
| Service Temperature, ASTM C1257 | .-40° F to 190° F (-40°C to 88°C) |
| Application Temperature, ASTM C603 | .20° F to 120° F (-7°C to 49°C) |
| Storage, ASTM D1337 | .68° F to 110° F (20°C to 43°C) |
| Shelf Life, ASTM D1337 | .One Year |

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TECHNICAL SERVICE

Complete technical information and literature is available from C.R. Laurence Co., Inc. Any technical advice furnished by the company or any representative of the company concerning any use or application of any sealant is believed to be reliable, but the company makes no warranty, expressed or implied, for any use or application for which such advice is furnished.

LIMITED WARRANTY NOTICE

Manufacturer warrants its products to meet its published physical properties at the time of sale when tested according to manufacturer's standards. If a product is proven to be defective manufacturer will, at its option, replace the defective product or refund the purchase price. Manufacturer shall not be liable for damages in excess of the purchase

price. Any and all claims that a product is defective must be made in writing within thirty (30) days after discovery of the defect and in no event more than one (1) year after the original shipment of the product by manufacturer. Failure to notify manufacturer of any claim constitutes an irrevocable waiver of such claim regardless of the circumstances.

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