

# DE-COMP COMPOSITES, INC.

**D734**

## SEALANT TAPE

This product is a 100% solid black Butyl tape. The product has applications as a composite DeBulking Vacuum Bag Tape as well as for Transparency formation. It is also recommended for tape glazing of windows for a variety of applications. This product provides resistance to high load squeeze-out.

**FDA STATUS:** A letter is available upon request.

TYPICAL PROPERTIES	
HARDNESS - SHORE 00	67
SPECIFIC GRAVITY	1.53
WEIGHT PER GALLON	12.7 POUNDS
SHELF LIFE	18 Months
FORM & PACKAGING	TAPE

Physical properties are tentative pending production history.

### LIMITATIONS

When channel glazing is over 100 united inches, or when there is excessive wind load, spacing shims are required to be placed on the perimeter of the fixed stop on 18" centers to compensate for excessive forces. These spacing shims transfer wind loads safely from glass to sash and prevent glass-to-metal contact. Installation must provide adequate tape compression.

### COMPOSITION AND MATERIALS

This product is made from a specially formulated compound of 100% solids in a base of cross-linked butyl rubber. Due to the balanced properties of adhesion, cohesion, and elasticity, it does not harden or lose flexibility, adhesion, or elongation after prolonged exposure to high temperatures and ultra-violet light.

Special order versions of this product incorporate a continuous spacer rod within the tape to transfer wind loads from glass to sash and eliminate the need for spacing shims. The continuous spacer is centered throughout each roll. The rod is slightly smaller than tape thickness, i.e., 125" tape size/.100" rod size.

NOTE: THE INFORMATION CONTAINED HEREIN IS BELIEVED BY DE-COMP COMPOSITES, INC. TO BE ACCURATE; HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS MADE REGARDING THIS DATA. THIS MATERIAL, OR RESULTS THERE FROM WHETHER USED IN ACCORDANCE WITH OUR INSTRUCTIONS OR NOT. THE USER SHALL MAKE HIS/HER OWN TESTS TO DETERMINE SUITABILITY OF THIS MATERIAL FOR HIS/HER PARTICULAR PURPOSES, IN ANY EVENT, DE-COMP'S LIABILITY SHALL BE LIMITED TO THE PURCHASE PRICE OF THE MATERIAL.

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Section: Sealant Tapes

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# DE-COMP COMPOSITES, INC.

## D734

### SEALANT TAPE

#### PACKAGING

Supplied in rolls, with release paper backing, in standard sizes:

1/8" x 3/8"

3/16" x 3/8"

1/8" x 1/2"

3/16" x 1/2"

Other sizes are available in quantity upon request.

#### PERFORMANCE DATA

Base:	Cross linked butyl rubber, contains no asphalt or similar products.
Percent Solids:	100%
Elongation:	Initial: 50% of seal thickness Aging: 50% of seal thickness
Shore A Hardness:	Initial: 12-15 durometer Aging: 15-18 durometer
Ultra-Violet Light Exposure:	No effect
Ozone:	No effect
Moisture Vapor Barrier:	Transmission rate = 0.05-.15 (grams/100 in <sup>2</sup> in 24 hrs.)
Squeeze Resistance:	No visible squeeze-out in window installations
Application Temperature:	+20°F to 120°F (-7°C to +50°C)
Service Temperature:	-45°F to +200°F (-45°C to +95°C)
Maximum Joint: Accommodation:	+12%
Shelf Life:	18 months
Life Expectancy:	20 years

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