

Kuraray Butacite® G

SAFETY GLASS INTERLAYERS FROM 100% RECYCLED PVB

Meet laminated glass performance requirements while reducing your environmental footprint. Butacite® G safety glass interlayers are made from 100% post-industrial recycled polyvinyl butyral (PVB) thermoplastic sheeting.

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Kuraray Glass Laminating Solutions PVB interlayers deliver proven, consistent performance in architectural glass and transportation applications.

Butacite® G interlayers are 100% recycled PVB available in clear and color for automotive and architectural use. The interlayers are manufactured from collected post industrial PVB trimmings, and are supplied to glass laminators as rolled sheet goods.

By carefully sorting and reprocessing PVB trimmings generated during the production of laminated glass, Kuraray helps assure that Butacite® G sheeting is a clean, reliable raw material for use with new safety glass laminates.

Butacite® G product information

Automotive compositions: Butacite® G 100 Series

Butacite® G is manufactured for optimum yield and impact performance in automotive windshields. Because the product contains 100% recycled material, it is best suited to less demanding appearance applications. Laminators and their customers are responsible for defining and assuring finished laminate visual acceptance standards consistent with use of this product, either in OEM equipment or as replacement glass (aftermarket).

Three automotive product types are supplied for Butacite® G, in a standard adhesion grade for the most common safety glass production processes:

BUT G 121: For nip roll processing

BUT G 122: For universal de-airing

BUT G 123: For special process vacuum bags, rings and vacuum de-airing

Type	Color Description	Color Code	Standard Roll Length
Clear	Clear	NC010BV	200 m - 500 m (565 ft - 1640 ft)
Solid Colors	Light Blue (LT = 78%)	5107800	
	Light Green (LT = 80%)	5118000	
	Bronze (LT = 78%)	5327800	

Note: All automotive compositions are 0.76 mm (30 mil) thickness

All Butacite® G compositions are formulated to absorb nearly all natural ultraviolet (UV) radiation. Safety glass made with Butacite® G gives long-term stability in outdoor service, with built-in UV filtering of sunlight to protect occupants and furnishings.

Standard Packaging

To prevent blocking, Butacite® PVB sheet is supplied either:

1. refrigerated, i.e. maintained between 2 °C and 10 °C (36 °F and 50 °F); or
2. interleaved, i.e. separated with thin PE film.

Sheeting is wound on 152 mm (6 in.) inside diameter (I.D.) cores.

Rolls are packaged in single boxes (horizontal) for widths above 165 cm (65 in.). Smaller widths are normally shipped in 4-roll cartons packed vertically on a pallet.

Two-roll packages are also available for 500 m (1640 ft) length rolls.

The interlayer is protected from moisture changes during shipping and storage by a moisture-barrier bag. Once the package has been opened, the roll should be stored in an environment close to 30% relative humidity.

Butacite® G PVB is sold by square meter (square feet) in rolls ranging from 200 to 500 meters (656 to 1640 ft) in length.

The product weight per roll for Butacite® G interlayer may vary slightly according to roll length, width and caliper as these three measurements can be different per roll based on our published specifications and tolerances. The net weight shown on our product labels is an estimate based on our average tolerances and consequently may be different from the true net roll weight. As Butacite® G is sold per square meter (square feet) this slight net weight variability does not affect the cost of the product.

Architectural Compositions: Butacite® G 300 Series

Architectural grades of Butacite® G are available in standard thicknesses up to 1.52 mm (60 mil). Sheet properties have been developed to meet the requirements set in the major code systems worldwide (ISO, CEN, ASTM, JIS etc.) Butacite® G uniformly colored compositions are designed for use in architectural and transportation glazing where reduced light-transmittance is desired.

Product code	Product description	Color description	Color code	Thickness, mm (mil)
BUTG 311	Nip roll process	Clear	NC010BV	0.38 (15)
BUTG 321	Nip roll process	Clear	NC010BV	0.76 (30)
BUTG 331	Nip roll process	Clear	NC010BV	1.14 (45)
BUTG 341	Nip roll process	Clear	NC010BV	1.52 (60)
BUTG 312	Universal deairing process	Clear	NC010BV	0.38 (15)
BUTG 322	Universal deairing process	Clear	NC010BV	0.76 (30)
BUTG 332	Universal deairing process	Clear	NC010BV	1.14 (45)
BUTG 342	Universal deairing process	Clear	NC010BV	1.52 (60)
BUTG 313	Vacuum deairing process	Clear	NC010BV	0.38 (15)
BUTG 323	Vacuum deairing process	Clear	NC010BV	0.76 (30)
BUTG 333	Vacuum deairing process	Clear	NC010BV	1.14 (45)
BUTG 343	Vacuum deairing process	Clear	NC010BV	1.52 (60)
BUTG 311*	Nip roll process	Coconut White, LT: 15%	5131500	0.38 (15)

*Indoor applications only

Maximum Width Information

Roll widths are variable from 23 cm (9 in.) to the following:

Clear: Up to 235 cm (92 in.) maximum for 0.38 mm (15 mil) caliper
Up to 240 cm (94 in.) maximum for other than 0.38 mm (15 mil)

Colors: Up to 235 cm (92 in.) maximum

Adhesion Types

Several adhesion types of Butacite® G are available, tailored to the needs of each lamination process. Please contact your Kuraray Glass Laminating Solutions technical representative to select the right product.

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