



PRODUCT DATA

VB100 VACUUM BAG SEALANT

DESCRIPTION:

VB100 is a heat curing, butyl sealant tape designed for use in vacuum bagging operations. VB100 has good adhesion to vacuum film and mold surfaces. It is ideal for autoclave curing and has good release from mold surfaces after cure. Typical use is in molding composite parts in the aircraft, wind power and marine industries. VB100 is non-hazardous.

APPLICATION:

Apply by hand to clean, dry surfaces with release liner on top. Remove release liner when sealant is in position and lay film on top. Apply pressure with hand or roller to maximize adhesion and ensure positive vacuum. Strip sealant below 150°F (66°C) to minimize or reduce the warping of parts. To leave a clean metal tool surface, strip sealant when tool surface has been cooled to room temperature.

PROPERTIES:

Property	Test Method	Typical Values
Color	ASTM D1729	Yellow
Odor		None to mild
Cure Temperature Range		250°F (121°C) to 400°F (205°C)
Cone Penetration, 300 g	ASTM D217	100 – 110 dmm
% Solids	ASTM C771	>99% by weight
Specific Gravity	ASTM D297	1.20 ± 0.05 g/cm ³
Weight per Gallon		10.0 ± 0.5 pounds per gallon
Shelf Life and Storage		9-months when stored in original packaging at typical warehouse temperatures.

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2012-07-30