

BONDFILM 8010

HIGH PERFORMANCE FILM ADHESIVES

Bondfilm 8010 is a glass fabric supported epoxy film adhesive. It is formulated for lid sealing microelectronics packages. It also offers a controlled bondline thickness and is an excellent choice for substrate attachments.

ADHESIVE PROPERTIES

Color	White
Work Life @ 25°C	5 days
Cure Options	1 hour @ 85°C or
Service Temperature Range	-40°C to 150°C
Lap Shear Strength @ 25°C (Al to Al)	4000 psi
@ 150°C (Al to Al)	900 psi
@ 25°C (Au to Au)	2000 psi
Glass Transition Temperature (Tg)	121°C
Weight Loss @ 300°C	.10%
Coefficient of Thermal Expansion**	
Below Tg	70x 10 ⁻⁶ in/in/°C
Above Tg	389 x 10 ⁻⁶ in/in/°C
Shelf Life	1 year @ -40°C 6 months @ 5°C

Adhesive properties are not intended to be used as specification limits.

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INSTRUCTIONS

Place film adhesive between surfaces to be bonded. Apply continuous pressure of 1-5 psi during cure, using weight or spring loaded clamp.

AVAILABILITY

Bondfilm 8010 epoxy film is available in sheet stock and die cut preforms. Die cut preforms are cut to customer specifications. Width and length tolerances are $\pm .005$ inch. Thickness tolerance $\pm .001$ inch.

STORAGE LIFE

Make sure that all surface areas to be bonded are free of any contamination. If parts have been solvent cleaned make sure solvent is dried before applying adhesive

TECHNICAL SERVICE CONTACT

For recommendations and help with any aspect of adhesive applications please contact the Bondline Technical Service Department (408) 830-9200, or via email: info@bondline.net or visit our website, www.bondline.net

CAUTION: For industrial use only. People with sensitive skin may have a reaction to this adhesive. Avoid skin contact. Wash all areas with soap and water immediately if contact does occur. It is important to refer to Safety Data Sheet (SDS) OSHA for more details.

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