

BONDFILM 8360

HIGH PERFORMANCE FILM ADHESIVES

Bondfilm 8360 is a glass fabric supported thermally conductive film adhesive. It is formulated to bond materials with mismatched coefficient of thermal expansion. It also offers low temperature cure options and a controlled bondline thickness.

ADHESIVE PROPERTIES

Color	Cream
Work Life @ 25°C	48 hours
Cure Options	2 hours @ 100°C
Service Temperature Range	-40°C to 150°C
Lap Shear Strength @ 25°C (Al to Al)	3000 psi
@ 25°C (Au to Au)	2000 psi
Glass Transition Temperature	51°C
Specific Heat	1.48 J/gK
Weight Loss @ 300°C	0.56%
Coefficient of Thermal Expansion**	
25°C to 60°C	135 x 10 ⁻⁶ in/in/°C
Shelf Life	1 year @ -40°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 8360 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

Storage life of sheet stock and/or preforms is 48 hours, when stored at room temperature. Storage life is 1 year at -40°C or colder.

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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