

BONDFILM 8366

HIGH PERFORMANCE FILM ADHESIVES

Bondfilm 8366 is a glass fabric supported thermally conductive flexible film adhesive. It is formulated to bond materials with mismatched coefficient of thermal expansion. It also offers a controlled bondline thickness.

ADHESIVE PROPERTIES

Color	Cream
Work Life @ 25°C	24 hours
Cure Options	1 hour @ 150°C or 2 hours @ 125°C or 4 hours @ 100°C
Service Temperature Range	-40°C to 150°C
Lap Shear Strength @ 25°C (Al to Al)	1500 psi
@ 25°C (Au to Au)	1500 psi
Glass Transition Temperature	29°C
Thermal Conductivity	0.8 W/mK
Weight Loss @ 300°C	0.63%
Weight Loss Upon Cure	0.82%
Coefficient of Thermal Expansion**	
30°C to 100°C	$129 \times 10^{-6} \text{ in/in/}^{\circ}\text{C}$
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 8366 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 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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