

*“A Reliable  
and Responsive  
Adhesive  
Company.”*

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 (T <sub>g</sub> ):	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 x 10 <sup>-6</sup> in/in/°C
Shelf Life:	1 year @ -40°C

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

***Bondline***™  
*Electronic Adhesives, Inc.*

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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.

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**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.

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**STORAGE LIFE:**

Storage life is 1 year at -40°C or colder.

**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 Material Safety Data Sheet (MSDS) OSHA for more details.

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