

*“A Reliable  
and Responsive  
Adhesive  
Company.”*

Bondfilm™ 8015 is a glass fabric supported, thermally conductive, epoxy film adhesive. It was formulated for heat sink attachment to 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:	10 days
Cure:	1 hour @ 150°C
Service Temperature Range:	-40°C to 150°C
Lap Shear Strength @ 25°C (Al to Al):	8000 psi
@ 150°C (Al to Al):	900 psi
@ 25°C (Au to Au):	4000 psi
Thermal Conductivity:	0.80 W/mK
Glass Transition Temperature (T <sub>g</sub> ):	110°C
Weight Loss @ 300°C:	0.88%
Coefficient of Thermal Expansion:	
Below T <sub>g</sub> :	49 x 10 <sup>-6</sup> in/in/°C
Above T <sub>g</sub> :	338 x 10 <sup>-6</sup> in/in/°C
Shelf Life:	1 year @ -40°C
	6 months @ 5°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™ 8015 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 of sheet stock is 10 days, when stored at room temperature. Storage life is 1 year at -40°C or colder. Die cut preforms require storage at 5°C or colder. At 5°C, storage life is 6 months.

**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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