

Bondfilm™ ECF 8260 is a silver filled epoxy adhesive film that is electrically conductive in x, y and z axis. It can be useful for RF/EMI shielding, heat-sink applications and hybrid microelectronic substrate attach. It offers uniform adhesive bondlines with little or no squeeze out. Low temperature cure.

*“A Reliable
and Responsive
Adhesive
Company.”*

Adhesive Properties

Color:	Silver Grey
Work Life @ 25°C:	24 hours
Cure Options:	1 hour @ 125°C or 2 hours @ 95°C or 6 hours @ 75°C
Service Temperature Range:	-40°C to 150°C
Lap Shear Strength @ 25°C (Al to Al):	3900 psi
@ 25°C (Au to Au):	3000 psi
Electrical Resistance:	
(Measured through bonded gold joints):	0.0003 ohm/.5 in ²
Glass Transition Temperature (Tg):	112°C
Weight Loss @ 300°C:	0.31%
% Volatile:	0.11
Coefficient of Thermal Expansion:	
Below Tg:	62 x 10 ⁻⁶ in/in/°C
Above Tg:	340 x 10 ⁻⁶ 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.

AVAILABILITY:

BondfilmTM ECF8260 epoxy film is available in sheet stock and die cut preforms. 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 is 10 days, when stored at room temperature. 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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