

Bondfilm™ ECF 8266 is a silver filled flexible epoxy adhesive film that is electrically conductive. It can be useful for RF/EMI shielding, heat-sink applications and hybrid microelectronic substrate attach.

*“A Reliable
and Responsive
Adhesive
Company.”*

Adhesive Properties

Color:	Silver Grey
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):	1300 psi
@ 25°C (Au to Au):	1200 psi
Electrical Resistance:	
(Measured through bonded gold joints):	0.05 milli ohm/0.5 in ²
Glass Transition Temperature (Tg):	19°C
Thermal Conductivity:	1.2 W/mK
Weight Loss on Curing:	0.95%
Weight Loss @ 300°C:	0.68%
Coefficient of Thermal Expansion:	
30°C to 100°C:	139 x 10 ⁻⁶ in/in/°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:

Bondfilm[™] ECF8266 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 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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