



Customized Adhesive Solutions

25 B Street, Burlington, MA 01803
Phone: (978) 436-9600 Fax: (866) 788-7856
Email: info@nextgenadhesives.com

NGAC EC907-34

Technical Bulletin

Electrically Conductive and Room Temperature Curable Epoxy Adhesive

Description:

NGAC EC907-34 is a two-part, electrically conductive silver filled epoxy adhesive which can be cured at room temperature. It was designed for applications requiring excellent mechanical and electrical properties

Advantages and Applications:

NGAC EC907-34 provides strong and high impact bonds which are electrically and thermally conductive. It bonds to a wide range of substrates including metals, glass and plastics. Additionally, the NGAC EC907-34 is highly resistant to chemicals. EC907-34 passes NASA outgassing and weight loss requirements.

For additional information or assistance, please call
978-436-9600

Properties:

	Typical Value
Color (Mixed)	Silver
Viscosity, Mixed, cps @25C, CP52, 10rpm	27,000
Mix Ratio by Weight (R/H)	100/6
Hardness, Shore D	84
Lap Shear, psi	1600
Operating Temperature:	-60 to +125°C
Volume Resistivity, Ohm-cm Cured @25C for 24h	0.003
Cured @65C for 2h	0.0009
Cured @110C for 1h	0.0007
Cured @150C for 1h	0.0005
Thermal Conductivity, W-m-K	3
Pot Life	3 hours
NASA Outgassing	PASSES

Cure Schedule:

Temperature	25°C	65°C
Time	24 hours	2-4 hours

Note: The NGAC EC907-34 will achieve 80% cure after 8 hours at 25C

All values reported above are typical values and are for reference use only. These values are not intended for use in developing specifications. Application testing under specific conditions should be performed to determine actual results and fitness for use.