



TECHNICAL DATA SHEET

TDS# 2524
DATE: JUNE 2013

BACON INDUSTRIES

ELECTRICALLY CONDUCTIVE ADHESIVE LCA-24

Bacon Industries offers silver-filled epoxy adhesives for making electrical connections in applications where the high temperatures necessary to make soldered connections are detrimental to components. Because these materials are filled with silver, they also have relatively high thermal conductivity.

Adhesive LCA-24 is an excellent all-around system with better strength about 160°F and better long-term conductivity

RECOMMENDED MIXING AND HANDLING PARAMETERS

Adhesive	LCA-24
Activator ¹	BA-9
Parts by weight of activator required per hundred of adhesive	5.00
Work life at 77°F, minutes	60
Recommended cure ¹ , minutes/°F	2/200

TYPICAL PROPERTIES OF CURED ADHESIVE:

Color	Silver
Specific Gravity	2.7
Hardness, Shore D	91
Volume Resistivity, ohm-cm	0.002
After heat aging:	
160°F:	
3 months	0.003
6 months	0.003
200°F:	
3 months	0.006
6 months	0.030
250°F	
3 months	0.070
6 months	0.090
Weight Loss after Six Months	
at 200°F, %	0.09
at 250°F, %	0.21
Bond Strength to aluminum, psi	
at -65°F	1800
at 75°F	1800
at 160°F	1900
at 200°F	2300
at 250°F	1200

(over)

