Heraeus

Electronics

AD1459B

Conductor

Description

The air dry silvers are used to make non-conductive surfaces electrically and thermally conductive. They can be used in circuit repair or as RF shielding materials. Most can be brushed, sprayed or dipped. These materials will cure at room temperature in 16-20 hours or in 30 minutes at 120-200°C. A heat gun will cure the material in seconds. The conductivity of the film can be increased by repeated application of layers.

Key Features

- Electrically and thermally conductive
- Curable at room temperature
- Available in a range of Ag loadings
- High adhesion to most materials
- Solvent resistant

Typical Properties	
Solids	45.0 ± 2.0%
Alloy Ratio	100
Color	Silver

Recommended Processing Guide	
Process Temperature (TDS)	Room temperature in 16-20 hours or in 30 minutes at 120-200°C

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Warranty

Material guaranteed to meet specifications for 6 months from date of manufacturing with proper storage.

Storage

Store in a dry location at 5 – 25°C. DO NOT REFRIGERATE. Allow paste to come to room temperature prior to opening. Spatulate well before using, as settling may occur during storage.

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