# **CHIPQUIK®**

Datasheet revision 1.7

www.chipquik.com

**AD1-10S** 

## Thermoset Chip Glue (Red) - 10cc syringe

### **Product Highlights** Lead-Free, RoHS 3 Compliant, REACH Compliant

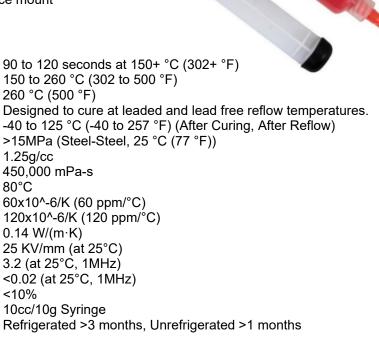
Heat curing epoxy adhesive designed to bond surface mount chips and ICs to printed circuit boards (PCBs). Higher Viscosity for Stencil Printing. Designed to be printed with stencil and squeegee.

Allows large/heavy surface mount components to be permanently bonded to a PCB during reflow, allowing two-sided surface mount reflow without larger chips/ICs coming loose.

**Specifications** 

Curing Time: Recommended Curing Temperature: Maximum Curing Temperature:

Operating Temperature Range: Lap Shear Strength (After Curing): Density: Viscosity (Malcom @ 5 RPM, 25°C): Glass Transition Temperature (Tg): Coefficient of Thermal Expansion (CTE) below Tg: Coefficient of Thermal Expansion (CTE) above Tg: Thermal Conductivity: Dielectric Strength: Dielectric Constant: Dielectric Loss Angle Tangent: Adhesive Spot Diameter Growth During Curing: Packaging: Shelf Life:



**Stencil Life** >8 hours @ 20-50% RH 22-28°C (72-82°F), >4 hours @ 50-70% RH 22-28°C (72-82°F)

Application

Apply by dot dispensing, line dispensing, or with stencil and squeegee.

#### Cleaning

Clean using isopropyl alcohol (IPA).

#### **Storage and Handling**

Store at 3-25°C (37-77°F). Do not freeze. Allow 4 hours for thermoset chip glue to reach an operating temperature of 20-25°C (68-77°F) before use.

#### Transportation

This product has no shipping restrictions. Shipping below 0°C (32°F) or above 25°C (77°F) for normal transit times by ground or air will not impact this product's stated shelf life.