

PERMACOL 2035E-5

DESCRIPTION:

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The PERMACOL 2035E-5 is a one component adhesives on epoxy base for SMT purposes. Adhesives of the PERMACOL 2035E-5 can be preferably applied by high speed dispensing. These adhesives hold electronic components in position and prevent movement due to vibration even before curing.

The cured adhesive has excellent electric properties and heat resistance during soldering.

PERMACOL	MAIN APPLICATION
2035E/5R (red)	Universal SMD-adhesive. High dispensing adhesive.

	2035E/5
Green strength	900 Pa.
Viscosity at D=30/s	45 Pa.sec.

It must be clear that the curing time depends on several parameters. Oven capacity, board design, type of components on Printed Circuit Board, and type of Printed Circuit Board (multilayers have higher heat capacity) can influence the cure speed.

SURFACE TEMPERATURE	MINIMUM HEATING TIME
100°C	6 minutes
125°C	2 minutes
150°C	90 seconds

Storage stability:

PERMACOL SMD adhesives is storable at 5-7°C for 6 months in unopened original packaging. Refrigerated adhesives must be allowed to return to room temperature before use. For screen printing adhesives, contamination of the unused material will be avoided if no material is returned to its original packaging.

CLEANING:

At room temperature, the remaining uncured adhesive can be removed and cleaned by means of solvents as Ethanol, Acetone, Isopropylalcohol (IPA), or gamma-Butyrolactone (PC66).

Cured adhesives must be removed mechanically. To avoid damage of components and/or PCB, it is advised to heat up the adhesive or bond over 100°C (over the softening point of the adhesive). At this temperature, the adhesive dot will be soft and the component can easily be removed by means of torsion.

PACKAGING:

The PERMACOL 2035E-5 can be supplied in all dispenser-specific syringes, tins, pots, and Euro syringe.

HANDLING AND SAFETY PRECAUTIONS:

The PERMACOL 2035E-5 is for industrial purposes only. Read Material Safety Data Sheets (MSDS) prior to using product. Avoid contact with eyes, skin or clothing because this material may cause eye irritation, skin irritation or allergic skin reaction if prolonged or repeated exposure is present, and is harmful if inhaled or swallowed. Wear eye protection and impervious gloves when handling, keep container closed when not in use.

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