

## **PC Flex Mask Green**

### ***Regular Viscosity - Premium Solder and Coating Mask***

- Temporary Solder Mask
- Biodegradable
- Non-Hazardous
- Peelable

PC Flex-Mask is a green single-component natural latex rubber that cures at room temperature and is ideally suited for conformal coating mask or solder mask. This material is formulated to withstand temperatures up to 268°C/515°F during the normal soldering operation (not to exceed 5 seconds). Once used to mask, this material is manually peeled off and discarded.

**Application:** PC Flex-Mask is applied using the plastic squeeze bottle supplied by cutting the nozzle to the desired bead size and applying to selected areas. It will adhere to circuit boards that are clean and dry prior to application. PC Flex-Mask cures in approximately 40 minutes at room temperature (22°C/72°F) and relative humidity of less than 40%. The cure time could vary according to the mask thickness and relative humidity conditions. Optimum thickness would range between 10 – 30 mils.

**Removal:** PC Flex-Mask removes easily by hand or tweezers. Simply lift one corner and pull. A slight lifting action will remove PC Flex-Mask all in one piece leaving no residue. For best results, PC Flex-Mask should be removed as soon as possible after the cleaning operation.

**Shelf Life:** PC Flex-Mask has a shelf life of 6 months from date of manufacture. Each container is stamped to show the batch number, date of manufacture, and expiration date.

**Storage:** DO NOT FREEZE. Freezing compromises the Spot Mask. Store at room temperature (72°F) in unopened container.

### **Specifications**

Active Ingredients	Natural Rubber
Solid Content	Approx. 57%
Odor	Mild Ammonia Odor
Color	Green
Flashpoint	Non-Flammable
Curing Time (20 mils at 72°F)	Approx. 40 minutes
Temperature Resistance	515°F (during wave solder)
Shelf Life	6 Months From Manufacture
Viscosity	13,000 ± 1,500 Centipoise