

NRP-CFC3-4207

Silicone conformal coating



NRP-CFC3-4207 is a two-component gel-type coating agent that consists of an oil-based silicone resin. It serves to maintain long-term reliability by protecting PCA (Printed Circuit Assembly) from high humidity and harsh environment.

Usage

Protective coating for PCA (Printed Circuit Assemble)

Specification

Coating type	Two-component silicone		
Product features	<ol style="list-style-type: none">1. It is suitable for the dispensing work.2. It dries quickly at room temperature.3. It features outstanding electrical and physical properties.4. It protects the substrate from harsh environment.5. It features outstanding durability.		
Thinner	Designated thinner	Pot time (25 °C)	3 minutes (applied to the dispensing equipment)
Exterior	Liquid A: Transparent liquid, Liquid B: Transparent liquid		
Viscosity	Liquid A: 430 ± 50 , Liquid B: 430 ± 50	Curing conditions	Room temperature
Specific gravity	0.98 ± 0.05	UL-certified	Not certified
Tack-free time (room temperature)	4 - 5 min.	Storage conditions	Store in a shaded indoor space with sufficient ventilation.
Mixing ratio	Base : Hardener = 1 : 1 (Weight)	Shelf life	6 months from the manufacturing date (when stored at room temperature)

Product Properties (Physical Property Data)

Durometer	8 (share A type)
Dielectric strength	26 (kV/mm)
Volume resistance	3.09×10^{13} (Ω-cm)

How to Use

How to Use	<ol style="list-style-type: none">1. Use a two-component dispenser or cartridge to apply the product on the substrate.2. Dry according to the designated curing conditions.
Note	<ol style="list-style-type: none">1. Instructions above may vary depending on the type of substrate and the painting line conditions2. This product is a two-component product which requires mixing the base and the hardener at the designated mixing ratio.3. Please refer to the MSDS when handling the product.4. Its shelf life is 6 months at room temperature.

► The data shown above were obtained under the laboratory conditions, and the product properties may vary depending on work method and circumstances. Please refer to the property data listed above only as reference.