



Technical Data Sheet

PCM Peelable Coating Mask

Product Description

PCM is a flexible, solvent resistant latex for masking components, connectors and other items during a conformal coating process. PCM ensures that sensitive items and areas requiring further processing are not coated. It is particularly suitable for protecting areas from ingress of conformal coating, e.g. pin connectors, adjustable pots, IC sockets etc. It is also suitable as a spot mask for wave soldering applications. The high film strength of PCM means that it can be peeled by hand without breaking or leaving residues.

Features

- Room temperature or heat accelerated drying.
- Completely hand-peelable, leaves no residue.
- Does not dissolve in solvents, does not contaminate conformal coating.
- High film strength, does not break.
- Suitable for use with dip, spray or brush applied conformal coatings.

Typical Properties

Approvals:	RoHS Compliant (2002/95/EC):	Yes
Liquid Properties:	Specific Gravity (Density) @ 20°C:	1.20 g/ml
	Tensile Strength:	16.57 MN/m ²
	pH:	10 - 11
	Elongation at Break:	900%
	Modulus @ 300%:	0.88 MN/m ²
	Modulus @ 700%:	6.18 MN/m ²
	Drying Time (2mm thickness):	2 hours @ 25°C or 30 mins @ 60°C
	Solids Content:	70-74%
	Ammonia Content:	0.29% Max
	Viscosity Brookfield LVT:	30,000 to 50,000 cPs

Directions For Use

Masking should take place between the cleaning and coating process. PCM should be applied to the area being masked to a thickness of at least 1mm to enable easy peeling after coating. Dry at room temperature for at least 2 hours. This can be accelerated by heating to 60°C for 30 minutes but some discolouration of copper may occur.

Thicker films may require longer drying times. As PCM dries it darkens in colour. PCM must be fully dry before being coated. After spray, dip or brush application with conformal coating the coating should be air-dried in accordance with manufacturer's recommendations before PCM is removed.

When the coating is dry, peel off PCM by hand to leave the protected area or component clean and free from coating. The conformal coating may then be heat cured if applicable.

Note: This product contains Ammonia. It should be applied and allowed to dry in a well-ventilated area. Store below 30°C. Please refer to MSDS for further information.

Packaging

250ml Bottle

Order Code

PCM250ML

Shelf Life

6 Months

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