PCM
Peelable Coating Mask

PCM is a flexible, solvent resistant latex for masking components, connectors and other items during the conformal coating process. The high film strength of PCM means that it can be peeled by hand without breaking or leaving residues.

- Flexible latex with high film strength; leaves no residue even when removed from complex areas
- Allows selective coating of circuit boards; masks components and connectors during coating application
- Prevents coating ingress into connectors and components due to the capillary effect
- Suitable for use with dip, spray or brush applied conformal coatings

Approvals	**RoHS Compliant (2015/863/EU):**	**Yes**
Liquid Properties	Density @ 20°C (g/ml):	1.11
	Solids Content:	70-74%
	Viscosity Brookfield LVT (mPa s):	30,000 to 60,000
	Ammonia Content:	0.29% Max
	pH:	10 - 11
	Drying Time (2mm thickness):	2 hours @ 25°C or, 30 mins @ 60°C
Cured Properties	Tensile Strength:	16.57 MN/m^2
	Elongation at Break:	900%
	Modulus @ 300%:	0.88 MN/m^2
	Modulus @ 700%:	6.18 MN/m^2

Description	Packaging	Order Code	Shelf Life
Peelable Coating Mask	250ml Bottle	PCM250ML	12 Months

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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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 (between 10°C and 25°C is ideal) in original container.

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