

# Technical Data Sheet



<b>PRODUCT DESCRIPTION:</b>	<b>Peelable Coating Mask</b>	<b>DATE:</b>	<b>03/97</b>
<b>PRODUCT CODE:</b>	<b>PCM</b>	<b>PAGES:</b>	<b>2</b>

## PRODUCT DESCRIPTION

**Peelable Coating Mask** is a flexible, solvent resistant latex for masking components, connectors and other items during a conformal coating process, ensuring that sensitive items and areas requiring further processing are not coated. It is also ideal as a spot mask for wave soldering applications.

## PRODUCT USE

**Electrolube Peelable Coating Mask** can be used for a wide variety of masking applications. It is particularly suitable for protecting areas from ingress of conformal coating, e.g. pin connectors, adjustable pots, IC sockets etc.

The high film strength of **Peelable Coating Mask** 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.

## APPLICATION

Masking should take place between cleaning and coating. **PCM** is resistant to cleaning fluids based on 113 trichlorotrifluoroethane, but not fluids based on 111 trichloroethane. **PCM** should be applied to the area to be 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 and becomes slightly translucent. **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 **Peelable Mask** is removed.

When the coating is dry, peel off **Peelable Coating Mask** 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 40°C.

Cont'd...2

**TYPICAL PROPERTIES**

Specific Gravity:	0.95
Tensile Strength:	16.57 MN/m <sup>2</sup>
pH:	7
Elongation at Break:	900%
Modulus @ 300%:	0.88 MN/m <sup>2</sup>
Modulus @ 700%:	6.18 MN/m <sup>2</sup>
Drying Time (2mm thickness):	2 hours @ 25°C or 30 mins @ 60°C
Solids Content:	61%

**PACKAGING**

250ml Bottle

**ORDER CODE**

PCM250ML

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