

## PCM-HV High Viscosity Peelable Coating Mask

PCM-HV is a high viscosity, 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.

- High viscosity; ideal for more accurate application for smaller and more complex geometries
- 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

<b>Approvals</b>	<b>RoHS Compliant (2015/863/EU):</b>	<b>Yes</b>
<b>Liquid Properties</b>	Density @ 20°C (g/ml):	1.11
	Solids Content:	70-74%
	Viscosity Brookfield LVT (mPa s):	40,000 to 60,000
	Ammonia Content:	0.29% Max
	pH:	10 - 11
	Drying Time (2mm thickness):	2 hours @ 25°C or, 30 mins @ 60°C
<b>Cured Properties</b>	Tensile Strength:	16.57 MN/m <sup>2</sup>
	Elongation at Break:	900%
	Modulus @ 300%:	0.88 MN/m <sup>2</sup>
	Modulus @ 700%:	6.18 MN/m <sup>2</sup>

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
<u>High Viscosity Coating Mask</u>	250ml Bottle	PCM250HV	12 Months

**Copyright Electrolube 2013**

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.

Ashby Park, Coalfield Way,  
Ashby de la Zouch,  
Leicestershire LE65 1JR

T +44 (0)1530 419 600

F +44 (0)1530 416 640

BS EN ISO 9001:2008  
Certificate No. FM 32082

### **Directions for Use**

Masking should take place between the cleaning and coating process. PCM-HV 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-HV dries it darkens in colour. PCM-HV 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-HV 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.

Revision 6: October 2019