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PCS
Peelable Coating Mask - Synthetic

PCS is a synthetic peelable coating mask designed to offer a longer shelf life over standard latex products. It is suitable for masking components, connectors and other items during the conformal coating process. It is also suitable as a spot mask for wave soldering applications.

- Ammonia free product; offers longer shelf-life and improved odour when curing
- Thermal cure; offers fast application and processing times
- 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 (g/ml):	1.0
	Solids Content:	45 +/- 3%
	Viscosity Brookfield (mPa s @ 23°C):	55,000 to 65,000
	pH:	8.5-9.5
	Suggested Thickness:	>1mm
	Drying Time (1mm thickness):	30 mins @ 65°C (2 hrs @ 23°C) or, 20 mins @ 80°C
Cured Properties	Elongation at Break:	350%

Description	**Packaging**	**Order Code**	**Shelf Life**
Peelable Coating Mask Synthetic	250ml Bottle	PCS250	12 Months
	320g Cartridge	PCSM320	12 Months

Directions for Use

PCS should be applied to the area being masked to a thickness of at least 1mm to enable easy peeling after use. Dry at 65°C for at least 30 minutes (2 hours at 23°C). This can be accelerated by heating @ 80°C. Thicker films may require longer drying times. As PCS dries it changes in colour from pink to red and must be fully dry before the conformal coating or wave soldering process.

Following application of a conformal coating, PCS can be removed by peeling off once the coating is touch dry. The conformal coating may then be secondary or heat cured if applicable, according to the manufactures guidelines. When used as a solder mask, PCS can be removed by peeling off after the process, once the substrate has cooled to room temperature.

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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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