

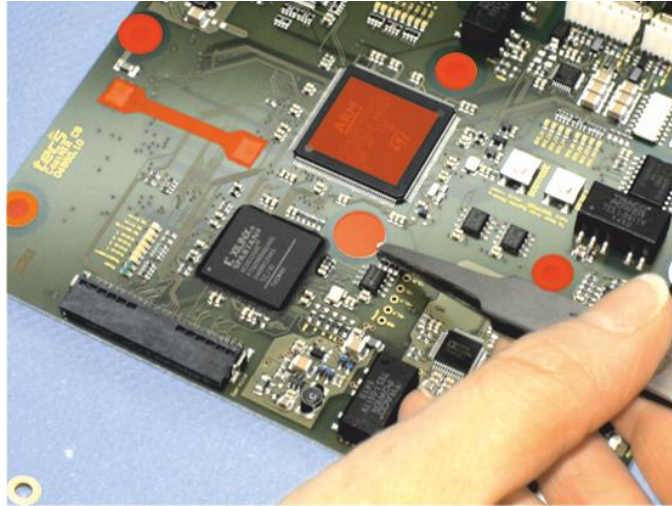
# MaskTapes

## Cover labels for coating



Masking

from 2 D surfaces to flat modules

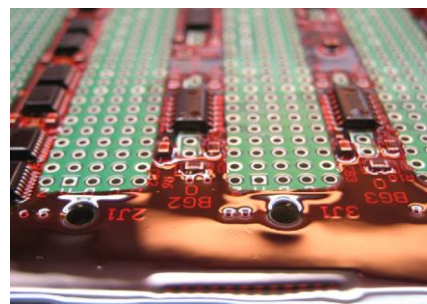


Product  
use

- ✓ Safe coverage of contact surfaces for protection against coating,
- ✓ Solvent-resistant tapes with high tear resistance
- ✓ Silicon free therefore no dewetting at the borders
- ✓ Residue-free detachment
- ✓ Economical through individual design according to customer data



Design-form variety  
Construction data



Safe process:  
Optimal protection of contact surfaces and  
residue-free detachment

The EP-Mask tapes are ideal for masking electrical contacts on electrical flat modules or power rails, e.g. ground surfaces, screw areas and test points, so that they remain safely uncoated. The Mask tapes are individually shaped so that tedious and laborious cutting with scalpel belongs to the past.

Coating facilities  
Dosing systems  
2K-Dosing system  
Jet vents  
Drying station  
UV-Oven  
Inspection systems  
Coating sets  
Complete equipment  
Service & Consulting

# MaskTapes

## Cover labels for coating



Coating

from 2 D surfaces to flat modules

### Coating-Covering foil EP-Tape 810/351

#### Description

Additive film consisting of a PVC layer and a metallized polyester cover layer. The carrier material and the adhesive layer are resistant to common solvents or dilution components of electrical insulating lacquers. The metallized topcoat prevents the swelling of the film and the pressure-sensitive adhesive. The adhesion of the film is adjusted so that the detachment takes place residue-free. The pressure-sensitive adhesive used is free of silicone and therefore does not cause coat dewetting around the glued area.

#### Substrate

One-side coated special silicone cardboard, 270 g/m<sup>2</sup>, which ensures easy removal of the waste grate and the tape.

#### Adhesive

Polyacrylate base with weak to medium final adhesion for residue-free removal of the cover.

#### Application area

EP-Tape 810/351 is designed for use as a 2D coating masking foil on electronic assemblies for the protection of contacts, bonding points or ground areas / print slugs. Good tightness for immersion, spray or dispersion coatings. The tapes can be confectioned in any geometric shapes, depending on the masking requirement. The cover foil is not suitable for wet bonding.

#### Technical Data

<b>Thickness</b>	160 µm
<b>Adhesive force*</b> (FINAT TM 1, after 24h, stainless steel):	1 N/25 mm
<b>Tear resistance</b> (DIN EN ISO 527)	along min. 19 MPa/cross min. 19 MPa
<b>Tear elongation</b> (DIN EN ISO 527)	along min. 130%/cross min. 150%
<b>Storage suitability**</b>	2 years
<b>Recommended bonding temperature</b>	+10°C to +25°C
<b>Operating temperature range</b>	-40°C to +85°C

\* Average value (including adhesive layer)

\*\* in original packaging, at 20°C and 50% relative humidity

#### Attention:

The substrate to be bonded must be free of dust, grease or other contaminants that may affect the bond strength of the material. To determine the compatibility, application tests must be carried out with the intended coatings.

Suitability for the following tested coating systems:

Lackwerke Peters:	SL13X1-Serie, SL13X7 Serie, SL13X6-Serie, SL1308N, SL13x9-Serie
Humiseal:	1B31, 1R32, 1B73, 1A33, 1B51
AB-Chimie:	AVR80
Dow Corning:	1-2577 CC
Electrolube:	SCC3 DCA
Kontakt-Chemie:	Plastic 70

Other coating systems up on request

EPSYS is a producer of manufacturing equipment and accessories for the process protective coating, drying and control. EPSYS offers the complete set-up and integration of the required components for assembly protection.

#### Engineering Office EPSYS

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Distributor:

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