

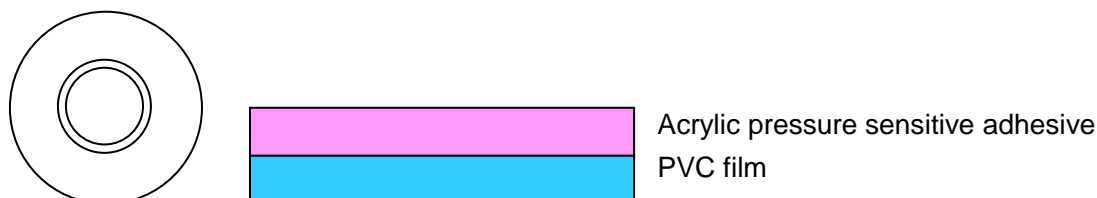
Masking tape for printed circuit boards

ELEP Masking N-380R

Outline

ELEP Masking N-380 is PVC base masking tape that complies with RoHS2 regulations for plating process of the printed circuit boards. It offers excellent chemical resistance and adhesion, and is particularly suitable for preventing the printed circuit boards from contamination by droplets, vapor, etc. of the solution.

Construction



Features

- Light unwinding and easy application.
- Special adhesive offers firm adhesion to printed circuit boards, stable adhesion during process.
- Adhesion increases if pressed with a heating roller.
- Excellent chemical resistance.
- Not using silicone-based backing treatment agent, result in no slippage in layering.
- Minimal change in adhesive strength after laminating enables to be easy peeling.

Applications

Masking for plating process of printed circuit boards.

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Standard Size ・ Color

Item	Thickness (mm)	Width (mm)	Length (M)	Color
N-380R	0.080	20~300	100	Light blue

*Contact us for information concerning sizes other than the above.

General properties

Item	Unit	N-380R
Thickness *1	mm	0.080
Adhesive Strength *2	N/20mm	0.60
Tensile Strength *4	N/20mm	55
Elongation *4	%	280

Test Method

*1:Nominal thickness

*2:Adherend SUS430BA, Tensile speed 300mm/min, Peeling angle 180°, Aging time 20-40 min.

*3:Tensile speed 300mm/min

*4:Tensile speed 300mm/min, strength and elongation when breaking

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Precautions

- Duly inspect the adaptability of this product to your intended use, prior to its application.
We may conduct the adaptability test in your favor. However, its content and results do not guarantee your use. It is of your responsibility to ultimately determine its adaptability.
- The characteristics and preformance of this product depend on the type of adherend, environment of use, and conditions/period after application. Always test (including the appearance) before changing the adherend (composition/surface roughness), conditions or use.
- When the product is applied to PVC adherends with plasticizer or surface-active adherends (electrolyzed, chemically treated, polished, etc.), it may become difficult to release or tend to leave deposits, as time passes.
- When applying the product to a display material, test with particular attention on appearance defects.
Stain, cloudiness or unevenness may appear on the surface of the display material, depending on its type. Traces of air bubbles may be left if they are trapped during application.
- Aforementioned problems may also arise when the product is stored for a long period of time after application.
- Do not use the product outdoors.
- Wipe off any grease, moisture or dust on the adherend before application.
- When coating after the surface protective material has been peeled, products should be used upon giving sufficient consideration to surface washing, below-surface processing and sintering conditions and confirming the adhesiveness of the coating.
- PVC type surface protective materials may cause gloss unevenness due to the coating or paint on the surface of the substrate. Prior to use it, enough consideration and care must be necessary.

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