Nitto
Innovation for Customers

Product Data Sheet

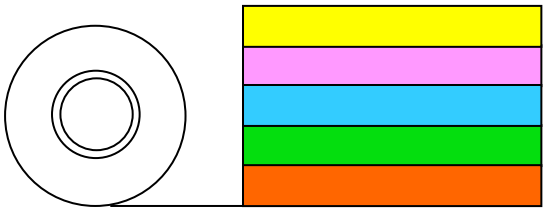
Surface protective materials for optical film

# E-MASK RP207

## Outline

E-MASK RP207 is surface protective materials using PET film and is produced in clean environment. This product has antistatic property.

## Construction




## Features

-Superior transparency enables appearance inspection of optical film without removing the tape.
-Printable on the baking side by stamp or inkjet printer.
-Excellent workability of wiping off the adhesive on the backing side.
-Easy to remove and suitable for large optical film.

## Applications

Surface protection for polarizing plates, etc.

## Standard Size/Color

| Item | Thickness (mm) | Width (mm) | Length (M) | Color |
|---|---|---|---|---|
| E-MASK RP207 | 0.059 ** | 1300 | 200 | Clear |

*Contact us for information concerning sizes.

** Not including the liner.

## General properties

| Item | | Unit | E-MASK RP207 |
|---|---|---|---|
| Thickness | *1 | mm | 0.059 |
| Adhesive Strength | *2 | N/25mm | 0.11 |
| Peeling electrostatic charge voltage | *3 | KV | 0.0 |

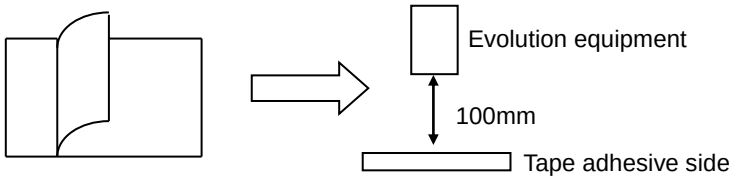
Test Method

*1:Nominal thickness

*2:Adherend Acrylic plate,Tensile speed 300mm/min, Peeling angle 180deg., Dwell time 20-40 min.

*3:Laminate tape on the substrate(AGS2B) and leave it for 2 hours or more. Then peel the tape at about 3m/min tensile speed by hand and read the maximum value of peeling electrostatic charge voltage.
(Refer to the below fig. for details.)

*3 Peel by hand (about 3m/min)




Evolution equipment：KASUGA DENKI,INC. KSD-0103

Condition：23deg.Cx50%Rh

## 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 performance of this product depends 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 may 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.
-Remove 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.