

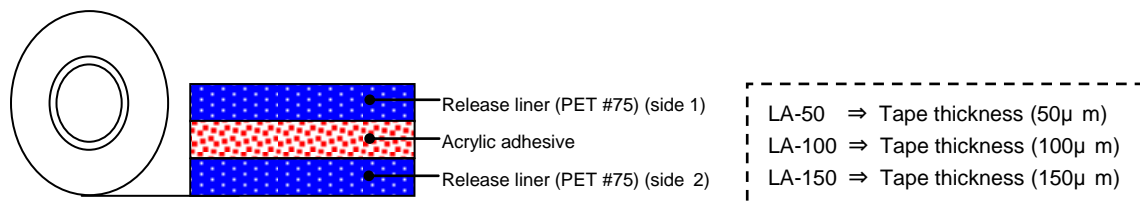
Double-coated adhesive tape

# LA Series (LA-50, LA-100, LA-150)

## Outline

The LA Series (LA-50, LA-100, LA-150) is a series of low outgas type double-coated adhesive tapes that use no base. The tapes are ideal for fixing film for electronic equipment and components that demand low outgas. Uses thick polyester film release liner to facilitate conversion prior to use.

## Structure



## Features

- Double-coated adhesive tape produces minimal outgas
- Silicone gas is almost undetectable.
- Corrosive ion impurities are almost undetectable.
- 6 restricted substances by RoHS are not contained.

## Applications

- Fixing of metal foil and film for electronic equipment and components
- Fixing of hole-filling film for electronic equipment such as HDD

## Sizes

Product No.	Tape thickness (mm)	Width (mm)	Length (m)
LA-50	0.05	100	50, 100
LA-100	0.10	100	50, 100
LA-150	0.15	100	50, 100

For more information, please contact us.

LA Series 10-P-0089\_E (1/3)

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**Properties**

## ● 180° peeling strength

Substrate	LA-50	LA-100	LA-150
Stainless steel plate	10.0	13.0	12.0

(Unit: N/20 mm)

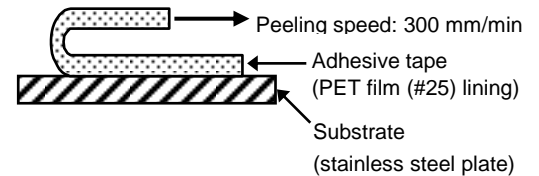
Lining material: PET #25

Peeling speed: 300 mm/min

Peeling angle: 180°

Measurement temperature: 23°C, 50%RH

Pressure application method: 1 pass back and forth with roller



## ● Outgas

	LA-50	LA-100	LA-150
Outgas volume	0.4	7.0	3.0

 (Unit:  $\mu\text{g}/\text{cm}^2$ )

Equipment: GC/MS

Heating conditions: 120°C x 10 min

Sampling method: Purge and trap head space method

Quantitative standard: n-Decane

## ● Siloxane gas

	LA-50	LA-100	LA-150
Siloxane gas volume	<0.4	<0.4	<0.4

 (Unit:  $\text{ng}/\text{cm}^2$ )

Equipment: GC/MS

Heating conditions: 120°C x 10 min

Sampling method: Purge and trap head space method

Quantitative standard: D3 – D6

## ● Peeling strength of release liner

	LA-50	LA-100	LA-150
Inside liner (side 1)	0.2	0.3	0.3
Outside liner (side 2)	0.8	1.1	1.7

(Unit: N/50 mm)

Lining material: PET #25

Peeling speed: 300 mm/min

Peeling angle: 180°

LA Series 10-P-0089\_E (2/3)

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## Precautions when using

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- Remove all oil, moisture and dirt from the surface of the substrate before applying.
- The tape employs pressure-sensitive adhesive. Be sure to apply pressure with a roller or press when applying. Failure to do so could affect properties or appearance.
- The tape may not adhere well to significantly uneven or distorted surfaces. Level off the surface as much as possible before applying.
- It takes some time before the tape exhibits its full adhesive strength. Allow the tape to set for several hours before placing in a position or using in a manner that places stress on the tape

## Precautions when storing

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- Be sure to keep the tape in its box when not using.
- Keep in a cool dark place not exposed to direct sunlight.

## Safety precautions

 <b>WARNING</b>
<ul style="list-style-type: none"><li>● Make sure the product is suitable for the application (objective and conditions) before attempting to use. The tape may come off depending on the substrate to or conditions under which it is applied.</li><li>● Use in combination with another method of joining if there is possibility of an accident.</li></ul>

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LA Series 10-P-0089\_E (3/3)

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