

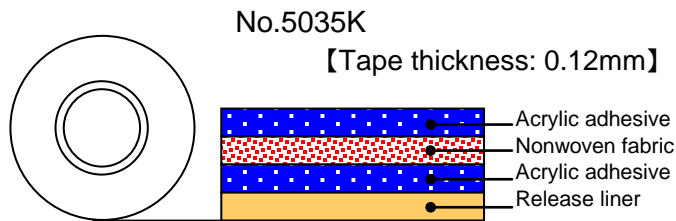
Double-coated adhesive tape

No.5035K

Outline

Nitto Denko No. 5035K is a double-coated adhesive tape developed for splicing materials such as paper. The tape offers super initial bonding properties even for work performed at low temperatures with slight application pressure, and exhibits reliable performance.

Structure



Features

- Superb bonding at low temperatures.
- Superb bonding with low application pressure.
- Adheres well to paper.
- The six hazardous materials restricted by the RoHS directive are not compounded.

Applications

- Splicing of cardboard liners
- Splicing of various types of printing base paper

Sizes

Tape thickness (mm)	Width (mm)	Length (m)
0.12	3-1200	50

For details, please contact us.

NO. 5035K 10-P-0048_E (1/4)

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Properties

● 180° peeling strength for each substrate

Substrate	No. 5035K
Stainless steel plate	6.0
Veneer plywood	7.0
Copy paper	Destroyed

(Unit: N/20mm)

Lining material: PET#25

Peeling angle: 180°

Application temperature: 23°C, 50%RH

Peeling speed: 300 mm/min

● 180° peeling strength (according to temperature)

Measurement temperature	No. 5035K
0°C	8.6
23°C	6.0
40°C	4.3

(Unit: N/20mm)

Lining material: PET#25

Peeling angle: 180°

Application temperature: 0, 23, 40°C

Peeling speed: 300 mm/min

● Holding power

	No. 5035K
Holding power	0.2

(Unit: N/20mm)

Substrate: Phenol resin plate

Tape area: 10 x 20 mm

Load: 4.90 N

Measurement temperature: 40°C (Deviation is measured an hour later)

● Shear strength

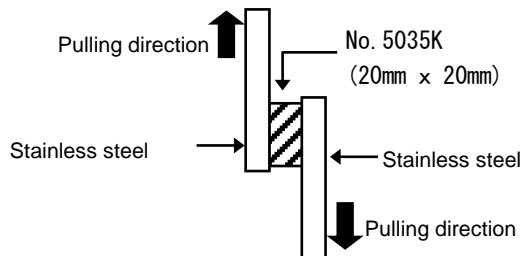
Substrate	No. 5035K
Stainless steel plate/ Stainless steel plate	40

(Unit: N/cm²)

Specimen area: 20 x 20 mm

Application method: One pass (back and forth) with 5-kg roller.

Peeling speed: 50 mm/min



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Properties

- Cardboard liner bonding properties (according to temperature)

Measurement temperature	Pressure load (N)	No. 5035K
		K liner
0°C	2.5	○
	4.9	◎
	9.8	◎
	19.6	◎
	49.0	◎
23°C	2.5	◎
	4.9	◎
	9.8	◎
	19.6	◎
	49.0	◎
40°C	2.5	◎
	4.9	◎
	9.8	◎
	19.6	◎
	49.0	◎

【Measurement method】

After allowing cardboard lines, tape and rubber rollers (pressure load) to set at each measurement temperature for 24 hours, the tape is then applied to the liner using a roller. The tape is peeled immediately after applying to see if it destroys the surface of the cardboard liner.

【Judgment criteria】

- ◎ : Total liner surface destroyed
- : 40% of surface destroyed

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Precautions when using

- 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.

Precautions when storing

- 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

 WARNING
<ul style="list-style-type: none">● 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 which it is applied or conditions under which it is applied.● Use in combination with another method of joining if there is possibility of an accident.

Published October 2013

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