

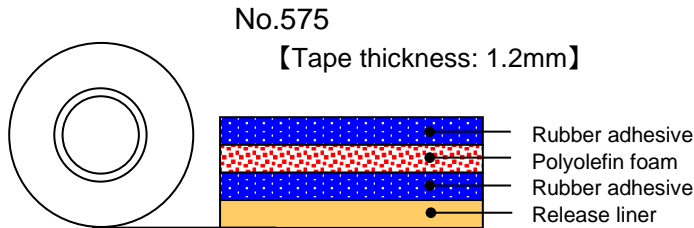
Double-coated adhesive tape

No.575

Outline

Nitto Denko No. 575 is double-coated adhesive tape consisting of a flexible polyolefin foam coated on both sides with a strong rubber adhesive. Excellent adhesion for fixing parts of compact parts.

Structure



Features

- Excellent followability by using a flexible polyolefin foam.
- Excellent adhesion by using a rubber adhesive.
- Superior holding power by using a flexible polyolefin foam.
- Used for Fixing household hook and mounting various types of compact molded parts.
- The ten hazardous materials restricted by the RoHS directive are not compounded.

Applications

- Fixing of parts for household hook.
- Fixing of parts for compact parts.
- Fixing of parts for various types of molding.
- Fixing of parts for fragrance case and paper holder.
- Fixing of wiring equipment.

Standards Size

Tape thickness (mm)	Width (mm)	Length (m)
1.2	5~940	10

For more information, please contact us.

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Properties

● 90° peeling adhesion by substrate

Substrate	No.575
Stainless steel plate	24(*)
Acrylic plate	25(*)
ABS plate	24(*)
Glass plate	24(*)
Polyethylene plate	17(*)

(*) foam layer broke

(Unit: N/20mm)

Backing: PET#25

Tape width: 20mm

Pressure application conditions:

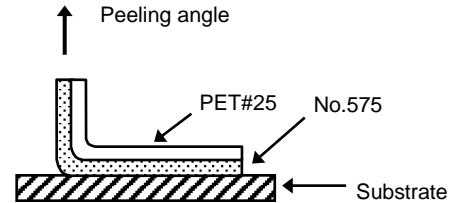
1 pass back and forth with 2kg roller

Aging conditions: 30minutes at 23 degree C

Peeling speed: 300mm/min

Peeling angle: 90 degree

Measurement temperature: 23degree C, 50%RH



● 90° peeling adhesion by temperature

Temperature	No.575
0 degree C	30(*)
23 degree C	24(*)
40 degree C	23(*)
60 degree C	20(*)

(*) foam layer broke

(Unit: N/20mm)

Backing: PET#25

Tape width: 20mm

Substrate: Stainless plate

Pressure application conditions: 1 pass back and forth with 2kg roller at 23degree C, 50%RH

Aging conditions: 30minutes at each temperature

Peeling speed: 300mm/min

Peeling angle: 90 degree

Measurement temperature:

0 degree C / 23 degree C / 40 degree C / 60 degree C

● Dynamic share adhesion by temperature

Temperature	No.575
0 degree C	214
23 degree C	171
40 degree C	150
60 degree C	122

(Unit: N/20mm*20mm)

Tape size: 20mm*20mm

Substrate: Stainless plate

Pressure application conditions:

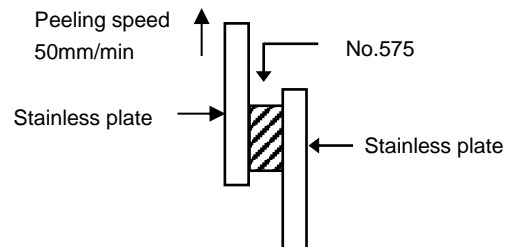
10 seconds with 5kg weight at 23degree C, 50%RH

Aging conditions: 30minutes at each temperature

Peeling speed: 50mm/min

Measurement temperature:

0 degree C / 23 degree C / 40 degree C / 60 degree C



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● Holding power

Temperature / Weight	No.575
40 degree C / 2kg	600 over

(Unit: minute)

Tape size: 20mm*20mm

Substrate: Stainless plate

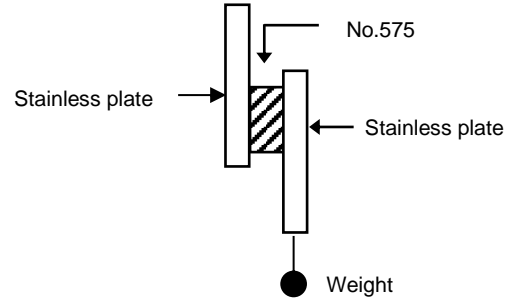
Pressure application conditions:

10 seconds with 5kg weight at 23degree C, 50%RH

Aging conditions: 30minutes at 40 degree C

Weight: 2kg

Measurement temperature: 40 degree C



● 90° peeling adhesion (change after application)

Aging condition		No.575
23 degree C 50%RH	30 minutes(initial)	24(*)
	14 days	25(*)
	30 days	25(*)
-30 degree C	14 days	24(*)
	30 days	24(*)
70 degree C	14 days	24(*)
	30 days	25(*)
40degree C 92%RH	14 days	24(*)
	30 days	25(*)

(Unit: N/20mm)

Backing: PET#25

Tape width: 20mm

Substrate: Stainless plate

Pressure application conditions: 1 pass back and forth with 2kg roller at 23degree C, 50%RH

Peeling speed: 300mm/min

Peeling angle: 90 degree

Measurement temperature: 23degree C, 50%RH

(*) foam layer broke

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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.
- Avoid applying a large load to the tape for several hours following application.

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 or conditions under which it is applied.● Use in combination with another method of joining if there is possibility of an accident.

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