

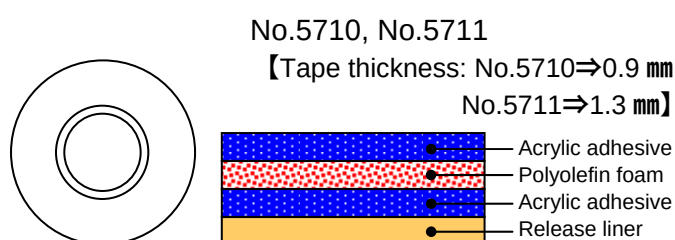
For fixing exterior automobile parts

No.5710, No.5711

Outline

Nitto Denko No. 5710 and No. 5711 are double-coated adhesive tapes that consist of acrylic adhesive applied to both sides of a polyolefin foam base. The tape absorbs uneven surfaces of exterior automobile parts such as side protect moldings and emblems, and features superior adhesive strength to curved surfaces such as automobile bodies.

Structure



Features

- Offers superior resistance to weather, oil, chemicals and heat.
- Offers superior holding performance, repelling resistance and adhesive strength as well as reliable fixing strength.
- Flexible foam base adheres well to uneven surface of the substrate to which it is applied.
- The six hazardous materials restricted by the RoHS directive are not compounded.

Applications

- Bonding of exterior automobile parts

Sizes

Product No.	Tape thickness (mm)	Width (mm)	Length (m)
No.5710	0.9	5-940	10
No.5711	1.3	5-850	10

For details, please contact us.

No.5710, No.5711 10-P-0045_E (1/4)

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Properties

●180° peeling strength

Substrate	No.5710	No.5711
Stainless steel plate	9.8	9.6

(Unit: N/20mm)

Lining material: PET #25

Peeling angle: 180°

Measurement temperature: 23°C, 50% RH

Peeling speed: 300 mm/min

●Holding power

	No.5710	No.5711
40°C	0.2	0.2
80°C	0.4	0.4

(Unit: N/mm)

Substrate Bakelite plate

Tape area: 10 x 20 mm

Load: 4.90 N

Measurement temperature: 40°C, 80°C

Deviation is measured an hour later.

●Shear strength

	No.5710	No.5711
Initial 0.5 hr @ 23°C	82	47
Ordinary state 24 hr @ 23°C	86	55
Gasoline immersion 1 hr	69	40
Kerosene immersion 1 hr	72	39
Hot water immersion 336 hr @ 40°C	88	47

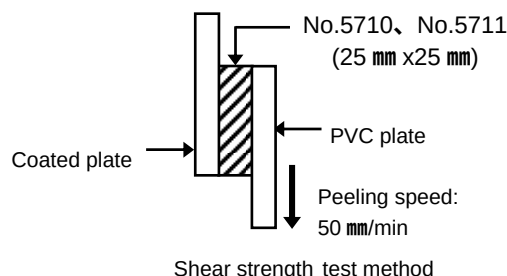
(Unit: N/cm²)

Substrate: Melamine resin coated plate / PVC plate

Tape area: 25 x 25 mm

Peeling speed: 50 mm/min

Measurement temperature: 23°C, 50% RH



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Properties

●Repelling resistance

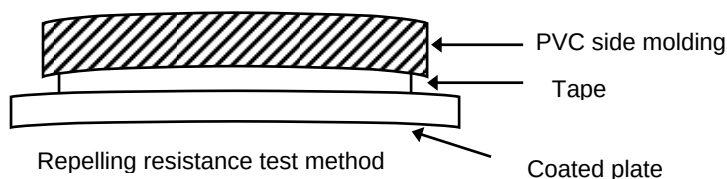
	No.5710	No.5711
Molding end floating distance (mm)	0	0

PVC side molding is applied to coated plate with 500 mm curvature radius and the following conditions are introduced:

1 cycle = 80°C x 4hr⇒23°C x 2hr⇒-40°C x 1.5hr⇒23°C x 0.5hr⇒

70°C x 90%RH x 3hr⇒room temp. x 2hr⇒-40°C x 1.5hr

PVC side molding end floating distance is measured after undergoing 4 cycles.



●Application area and 25% compression hardness

Item	No.5710	No.5711
25% compression hardness (N/cm ²)	8.1	9.0

【25% compression hardness】

Conforms to JIS K-6767 polyethylene foam test method.
Tape area: 25 x 25 mm
Thickness: 9 – 10 mm
Measurement atmosphere: 23°C, 50% RH

●Cold/impact resistance

Item	No.5710	No.5711
-30°C, 90° angle	100 times No falling	100 times No falling

Test method: Cold impact test (Slam type)
Ambient temperature: -30°
Preset angle: 90°
Substrate: Melamine resin coated plate / PVC molding
Tape area: 30 x 150 mm

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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.
- 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

- 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
● 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.

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