

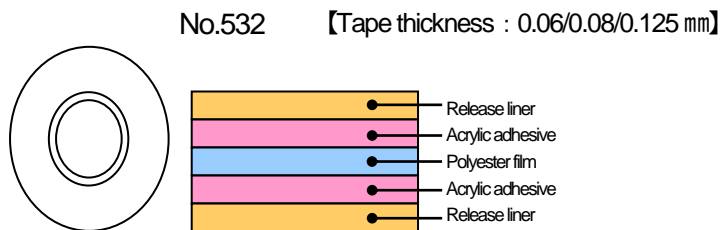
Excellent die cutting performed double coated tape

No.532

Outline

Nitto Denko No.532 is polyester film based double-coated adhesive tape with acrylic adhesive on both sides. This type has release liners on both sides to facilitate die-cutting performance. Ideal for bonding of nameplate, resign and metal substrate.

Structure



Features

- Excellent bonding performance to various substrates such as metal, plastic and glass.
- Various product line up for thickness of polyester films.
- The six hazardous materials restricted by the RoHS directive are not compounded.
- 10 restricted substances by RoHS are not contained.

Application

- Fixing of nameplate and circuit board.
- Fixing of compact home appliance.
- Fixing of film, plastic, metal housing and glass.

Standards Size

Tape thickness (mm)	Widths (mm)	Length (m)
0.06 / 0.08 / 0.125	20 - 960	50

For more information, please contact a person in charge.

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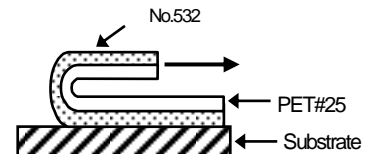
Properties

●180 degree peeling adhesion by substrates

Substrates	No.532		
	0.06	0.08	0.125
Stainless steel plate	6.0	6.3	6.7
Aluminum plate	5.8	6.2	6.5
Acrylic plate	6.1	6.4	6.9
Polyester plate	5.7	5.9	6.3
Glass plate	6.2	6.3	6.7

(Unit: N/20mm)

Backing : PET#25
 Peeling speed : 300mm/min
 Peeling angle : 180 degree
 Measurement temperature : 23 degree C. x 50%RH
 Application condition :
 * 1 pass back and forth with 2-kg roller after allowing it set to 30 minutes

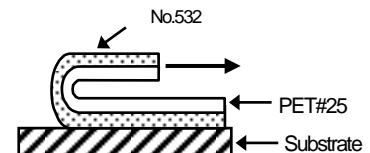


●180 degree peeling adhesion by temperatures

Temperature	No.532		
	0.06	0.08	0.125
0 degree C.	8.3	8.6	8.8
23 degree C.	6.0	6.3	6.7
40 degree C.	5.1	5.2	5.4
80 degree C.	3.9	4.0	4.2

(Unit: N/20mm)

Backing : PET#25
 Peeling speed : 300mm/min
 Peeling angle : 180 degree
 Substrate : stainless steel plate
 Measurement temperature: 0, 23, 40, 80 degree C.
 *1 pass back and forth with 2-kg roller.
 Measurement under various temperatures after allowing it set to 30minutes.



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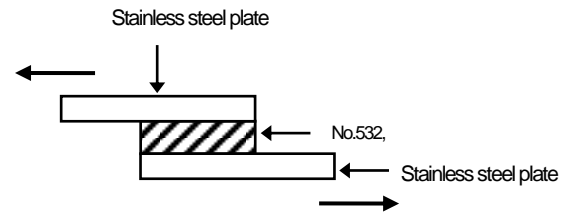
Properties

● Shear strength

Temperature	No.532		
	0.06	0.08	0.125
23 degree C.	330	340	360

(Units : N/20mm x 20mm)

Tape area : 20mm x 20mm
 Peeling speed : 50mm/min
 Application temperature : 23 degree C. x 50%RH
 Substrate : stainless steel plate / stainless steel

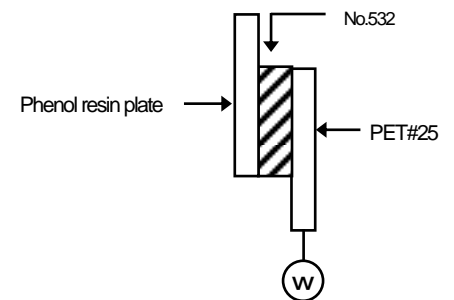


● Holding power

Temperatures	No.532		
	0.06	0.08	0.125
40 degree C.	0.2	0.2	0.2
80 degree C.	0.3	0.3	0.3

(Units : mm/hr)

Temperature : 40, 80 degree C.
 Tape area : 10mm x 20mm
 Load : 4.9N
 Substrate : Phenol resin plate



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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.
- Because it is very thin, you should avoid applying large loads for at least 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 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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