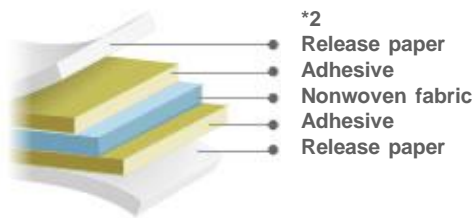


General-purpose double coated tapes T4000/T4000W

Features

- T4000 is double coated adhesive tape developed for the requirement of strong and permanent bonding. It is highly selected double coated adhesive tape with outstanding reliability, having high temperature adhesion.

Structure



Product name	T4000	T4000W *2
Main component	Acrylic	Acrylic
Carrier	Nonwoven fabric	Nonwoven fabric
Color	Translucent *3	Translucent *3
Adhesive thickness (μm)	About 150	About 150
Release paper thickness (μm)	About 150	About 150+120
Bonding strength (N/20mm) *	14	14
St'd size (width & length)	500mm × 50m	500mm × 50m

- * 180° peeling strength
- *2 T4000W/T4000BW is with both side release paper.
- *3 T4000B/T4000BW is black type.

Suitable use

- T4000 is most suitable for the adhesion to surface decorative sheet, rating plate, etc. Made of metal and plastic material for the automobiles and household electric appliances. T4000 is recommendable for use as a double coated permanent adhesive tape for various substrates.





1. Bonding strength on various type of substrate (180° peeling)

<Test piece condition>

Tape width: 20mm

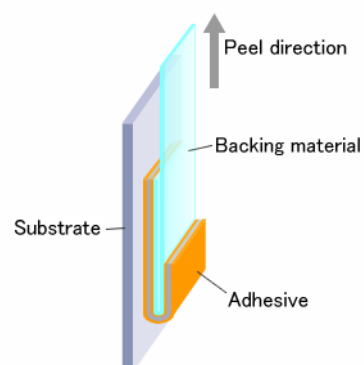
Bonding condition: One stroke with 2-kg roller

Measuring condition: 23°C±5°C 60%±20%RH

Peeling speed: 300mm/min

Backing material: 25μmPET

[Left at RT for one hour before measurement]



<180° peeling strength test>

<Results>

(N/20mm)

Substrate	SUS	AL	ABS	Acrylic	PC	CR	NR
180° peeling strength	14.2	13.0	14.1	14.9	15.4	3.2	2.8

2. Holding power at different temperatures

<Test piece condition>

Substrate: Stainless steel plate (SUS304)

Bonding area: 25mm × 25mm

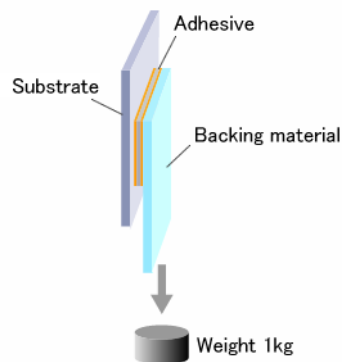
Bonding condition: One stroke with 2-kg roller

[Left at RT for one hour and then at each temperature for 30 minutes before measurement]

[Creep length after one hour application of 1-kg load]

<Results>

Measurement temperature	40°C	60°C	80°C
Creep length (mm)	0.3	0.4	0.4



<Holding power test>

3. Reliability of bonding strength (180° peeling)

<Test piece condition>

Substrate: Stainless steel plate (SUS304)

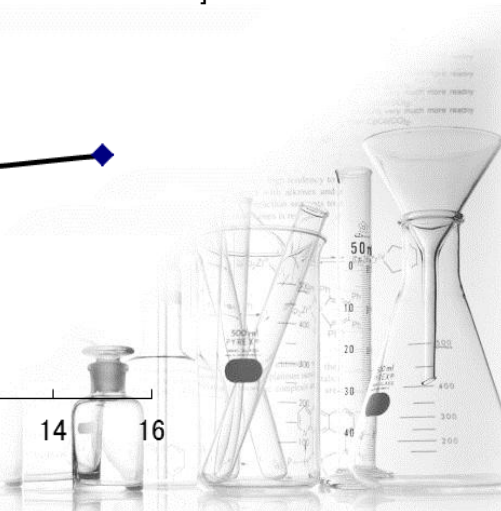
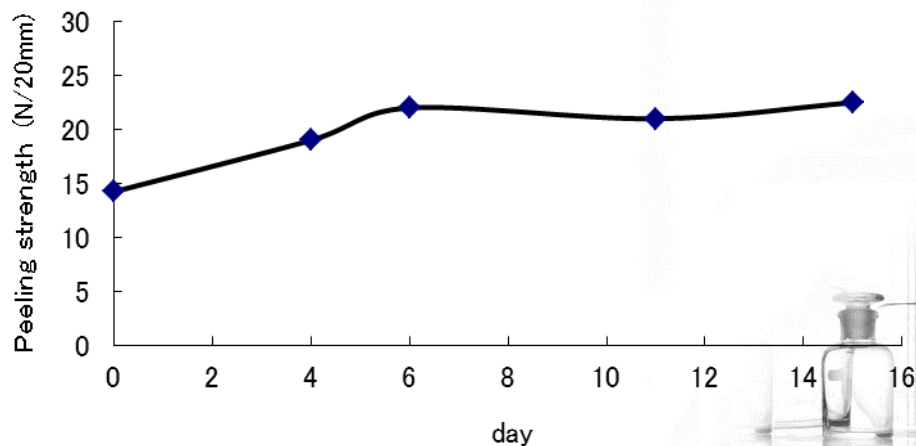
Tape width: 20mm

Bonding condition: One stroke with 2-kg roller

Peeling speed: 300mm/min

Backing material: 25μmPET

[Leave the substrate for one hour at room temperature and aging at 70 °C condition]



4. Bonding strength at different temperatures (180° peeling)

<Test piece condition>

Substrate: Stainless steel plate (SUS304)

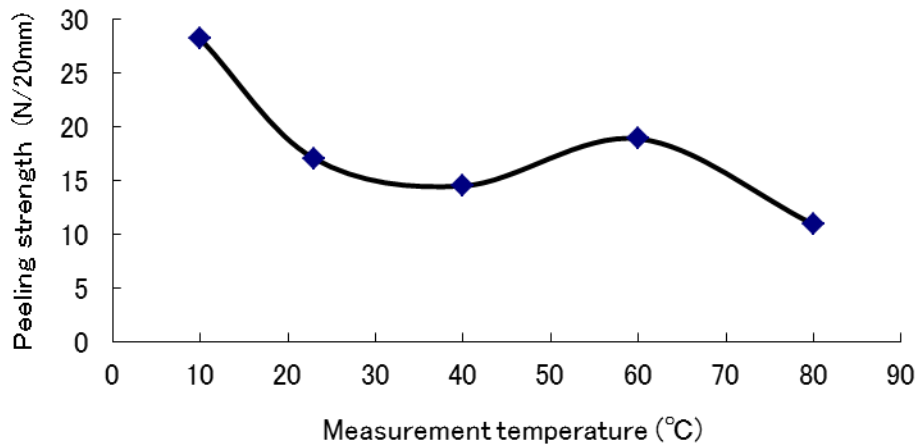
Tape width : 20mm


Bonding condition: One stroke with 2-kg roller

Peeling speed: 300mm/min

Backing material: 100°C25μmPET

[Left at RT for one day and then at each temperature for 30 minutes before measurement]



 Note on the characteristic data given— Data on the characteristics of the products described in this catalog are based on the results of evaluations carried out by the company. This does not guarantee that the characteristics of the product conform with your usage environment. Before use, review the usage conditions based on evaluation data obtained from the equipment and substrates actually used.

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