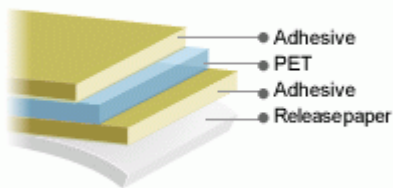


Impact force resistant type double coated tapes **G9152 series**

Features

- Adhesive tape with lower environmental impact with UV curable manufacturing method (non solvent adhesive coating process).
- High impact force resistance, and high initial adhesion.
- Excellent adhesion to UV coated surface.
- PET carriers for excellent handling and punching process.

Structure



Product name	G9152-150	G9152-200
Main component	Acrylic	Acrylic
Carrier	About 25μmPET	About 25μmPET
Color	Transparent	Transparent
Adhesive thickness (μm)	About 150	About 200
Release paper thickness (μm)	About 120	About 120
Bonding strength (N/20mm) *	18	18
St'd size (width & length)	1,000mm × 50m	1,000mm × 50m

\* 180° peeling strength

Suitable use

- Ideal for bonding the LCD display windows and nameplate fixation usage such as cellular phones.

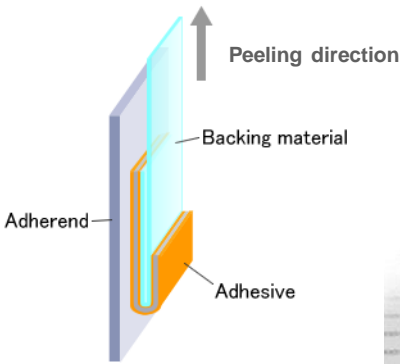
Technical data

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 at one hour before measurement]

<Results>

Substrate		SUS	ABS	Acrylic	PC
180° peeling strength	G9152-150	17.5	12.4	13.6	14.5
	G9152-200	17.8	12.7	14.3	15.3



<180° peeling strength test>  
(N/20mm)

## 2. Holding power at different temperatures

### <Test piece condition>

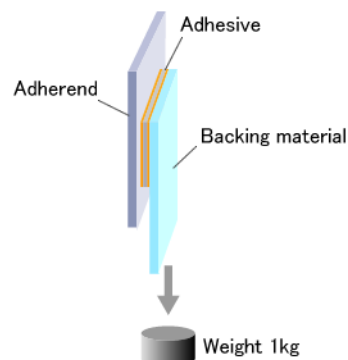
Substrate: Stainless steel plate (SUS304)

Bonding area: 25mm × 25mm

Bonding condition: One stroke with 2-kg roller

Backing material: 25μmPET

[Left at RT for one hour and measure creep length after one hour application of 1-kg load at each temperature]



### <Results>

Measurement temperature		40°C	60°C	80°C
Creep length (mm)	G9152-150	0.3	0.3	0.6
	G9152-200	0.4	0.4	0.7

### <Holding power test>

## 3. Impact force resistance

### <Test piece condition>

Measuring instrument: DuPont type impact tester

Substrate: ABS plate 50mm × 50mm × 4mm

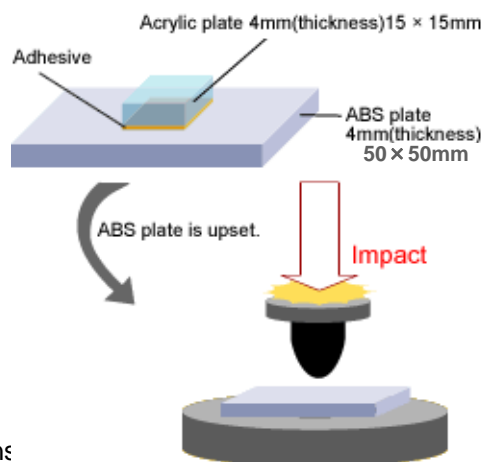
Substrate: Acrylic plate 15mm × 15mm × 4mm

Bonding area: 15mm × 15mm

Measuring condition: 10°C

[Dropping 300g weight onto the ABS face from a height of 15cm]

[Left at RT for one day after adhesion, and then under each condition for 30 minutes before measurement]



\* The impact is added by one of the methods of measuring an impact of the adhesive tape, the state of peeling off and the floatage is confirmed by watching, and the number of examinations and the number of which it peels off are recorded.

### <Impact force resistance test>

### <Results>

Product name			G9152-150	G9152-200
Impact force resistance test	10°C (n = 5)	n1	not peeling off	not peeling off
		n2	not peeling off	not peeling off
		n3	not peeling off	not peeling off
		n4	not peeling off	not peeling off
		n5	not peeling off	not peeling off

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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