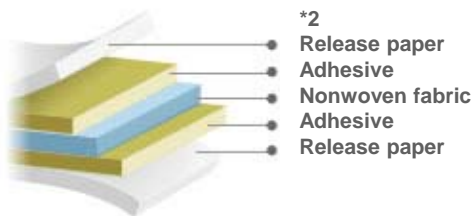


Removable type double coated tapes G9000R/G9000RW

Features

- Adhesive tape with lower environmental impact with UV curable manufacturing method (non solvent adhesive coating process).
- High adhesive quality (heat resistance and weather resistance) for wide ranging applications.
- Excellent holding power even at elevated temperature.
- The carrier has excellent strength good for a removable performance.

Structure



Product name	G9000R	G9000RW *2
Main component	Acrylic	Acrylic
Carrier	Nonwoven fabric	Nonwoven fabric
Color	Translucent	Translucent
Adhesive thickness (μm)	About 150	About 150
Release paper thickness (μm)	About 150	About 150+120
Bonding strength (N/20mm) *3	12.75	12.75
St'd size (width & length)	500mm × 50m	500mm × 50m

* UL certificated. UL file No : (UL969 NO.MH15431)

*2 G9000RW is with both side release paper

*3 180° peeling strength/substrate : stainless steel SUS304 (surface is polished by #280 sandpaper)

Suitable use

- It is suitable for the bonding usages of parts like packing and damping materials etc. of the office automation apparatus and the television for recycling.

Technical information

[Remarks]

*The above values are sample observed values, not the guaranteed performance.

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

Peel speed: 300mm/min

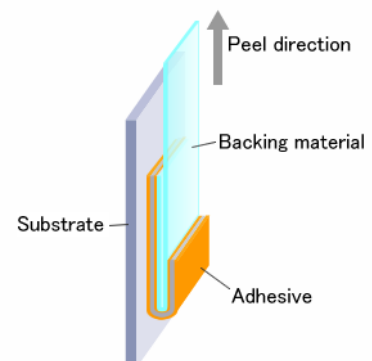
Backing material: 25μmPET

[Left at RT for one hour before measurement]

<Results>

(N/20mm)

Substrate	ABS	Glass
180° peeling strength	14.4	13.2



< 180° peeling strength test >

2. Holding power at different temperatures

<Test piece condition>

Substrate: Stainless steel plate (SUS304)

Bonding area: 25mm × 25mm

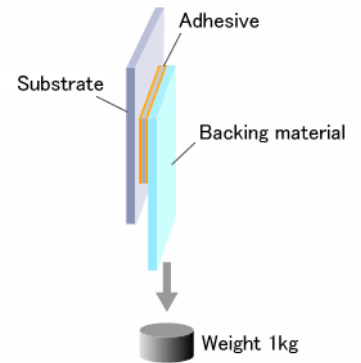
Bonding condition: One stroke with 2-kg roller

[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	100°C
Creep length (mm)	0.2	0.2	0.3	0.4



<Holding power test>

3. Removable evaluation under each temperature by elapsed time (180° peeling)

<Test piece condition>

Substrate: ABS plate

Tape width: 20mm

Bonding condition: One stroke with 2-kg roller

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

Peel speed: 300mm/min

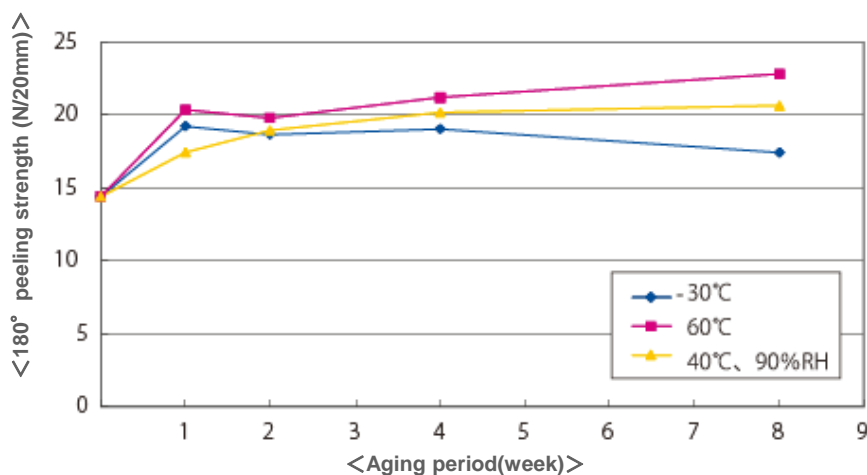
Backing material: 25µmPET

[Left at RT for one hour and aged at a predetermined temperature for 8 weeks before measurement]

<Results>

(N/20mm)

Aging condition	Initial	1 week	2 weeks	4 weeks	8 weeks	Removable characteristic
-30°C	14.4	19.3	18.6	19.0	17.5	Good (There is no paste remainder to the substrate.)
60°C	14.4	20.4	19.8	21.2	22.9	
40°C 90%RH	14.4	17.5	19.0	20.2	20.7	



4. Amount of VOC diffusion

<Methods of analysis>

JIS A-1901: Small chamber method

<Results>

(Volatile organic compound)	The indoor density indicator value ※	G9000R
formaldehyde	100 μ g/m ³	<2.5
toluene	260 μ g/m ³	<0.5
Xylene	870 μ g/m ³	<0.5
para-dichlorobenzene	240 μ g/m ³	<0.5
Ethylbenzene	3800 μ g/m ³	<0.5
styrene	220 μ g/m ³	<0.5
Chlorpyrifos	1 μ g/m ³	<0.02
Dibutyl phthalate	220 μ g/m ³	<0.02
tetradecane	330 μ g/m ³	0.7
Bis-(2-ethylhexyl)phthalate	120 μ g/m ³	<0.02
DIAZINON	0.29 μ g/m ³	<0.02
acetaldehyde	48 μ g/m ³	<2.5
FENOBUCARB	33 μ g/m ³	<0.02

※ The indoor density indicator value that the Ministry of Health, Labour and Welfare in Japan sets



◆ 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.

Dexerials Corporation

URL : <http://www.dexerials.jp/en/>

Head Office: Gate City Osaki, East Tower 8th floor, 1-11-2 Osaki, Shinagawa-ku, Tokyo, JAPAN 141-0032

Sales & Marketing Dep. TEL : +81-3-5435-3946