

Printing materials E-2301RC

ID: 28096470C

Features

- Printing materials for UV curable inkjet printers
- Transparent polyester film
- It is suitable for window display applications.
- It uses a pressure-sensitive removable adhesive
- It uses ultra-smooth release paper.
- Indoor application only

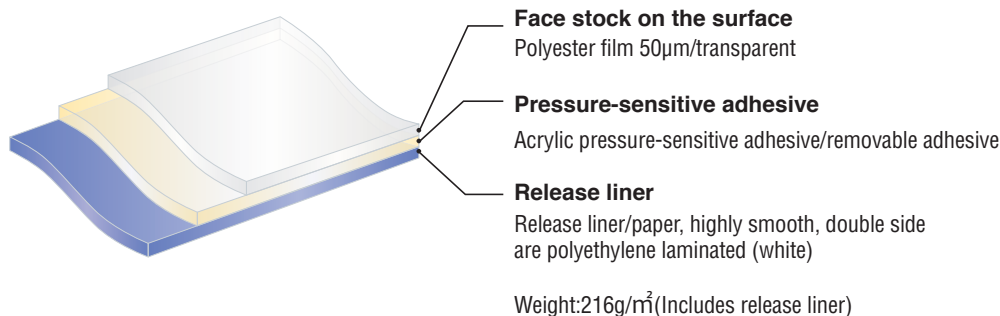
Applications

For indoor applications

Standard sizes

1,400mm × 30m rolls

Product configuration



Properties

Adhesion(value)

Test items	Unit	Properties	Test panel	Test method
Adhesive strength 30 minutes after adhering	N/25mm	0.6	Stainless	LINTEC method
Adhesive strength 24 hours after adhering	N/25mm	0.7	Stainless	LINTEC method
Adhesive strength 30 minutes after adhering	N/25mm	0.9	Glass	LINTEC method
Adhesive strength 24 hours after adhering	N/25mm	1.1	Glass	LINTEC method
Ball tack	No.	5	—	J.Dow method
Holding strength	Second	NC 30000	Stainless	LINTEC method

LINTEC method

- Adhesive strength test method : Test instrument: load-cell tensile tester, release angle: 180°
Test conditions: 23°C 50%RH, release speed: 300 mm/min
One round trip with a rubber roller of 2kg adhesion pressure
Test panel : Stainless panel (SUS304 #360 polishing finish)
Float glass
- Holding strength test method : Angle: 0°, test conditions: 40°C, adhesion area: 25 mm×25 mm,
Five round trips with a rubber roller of 2kg adhesion pressure, still load: 9.8N
Test panel : Stainless panel (SUS304 #360 polishing finish)

☐ B: Base material failure ☐ Cf: Cohesion failure ☐ At: Adhesive transfer ☐ Zip: zipping ☒ NC: No creep



LINTEC Corporation *Linking your dreams*

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Film properties(value)

Item		Unit	Properties
Tensile strength	MD	N/25mm	199
	CD	N/25mm	295
Tensile expansion rate	MD	%	189
	CD	%	121

Optical properties

Item	Unit	Properties
Ultraviolet ray transmission	%	75.9
Visible light transmission	%	90.5

Precautions

- Numerical values in this data sheet are based on the results of our tests, and are not guaranteed.
Please verify performance in advance according to your application.
- Use the product within one year of purchase.
- To use for joints and the same surface, use the same lot.
- This film is for indoor use only.
- Please consult with us if you wish to use the product for special applications.

Storage methods

- Avoid high temperature, low temperature and humidity for storage. Be sure to put this product in a bag, and hang it in the air.
Make sure that it is not exposed to direct sunlight.
- Prevent it from being exposed to fluorescent light at close range.
- Recommended ambient temperature: 10°C-30°C, humidity: 70%RH or less
The adhesive strength and holding strength become lower at low temperature or high temperature, and it is detached easily.
- Avoid contact with water, chemicals, and shock.

Precautions for output and processing

- Do not touch the output surface of media directly with your hand. Sebum, oil, dirt, and scratches may lower print quality.
- Use the product as early as possible after opening.
- Output quality may differ depending on the type of printers to be used and print conditions. We recommend testing it be checked in advance.

Precautions for install

- Install ambient temperature: 10°C-40°C
Install at high temperature may raise the initial adhesive strength and soften products.
- Operating temperature: -30°C-80°C
- Please be fully aware of an install with soapy water. You may have difficulties in removing remaining water from the substrate and pressure-sensitive surface depending on the temperature and humidity conditions, and be unable to achieve sufficient adhesive strength. This may cause raising and detaching.
- Adhesive strength may not be achieved sufficiently depending on the properties of test panels, and raising and detaching may occur.
Please check in advance.
- Adhesive strength may not be fully achieved immediately after adhering.
- The adhesive strength may not be achieved fully for install on a substrate where condensation tends to form.
- Avoid install on window films.



Technical data sheet

3/3

1/4/2013

1304-130401

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Test panel

Test panel		Install
Plastic	PP/PE/Fluorine	* 1
	ABS	○
	PET	○
	FRP	○
	Acrylic resin	* 2
	Polycarbonate	* 2
	PVC	* 3
	Tent materials	* 3
Glass	General	* 4
	Mesh included	* 4

Test panel		Install
Metal	Galvanized steel	○
	Bonderized metal	○
	Melamine coated panel	○
	Aluminum	○
	Stainless steel	* 5
Others	Concrete	* 6
	Mortar	* 6
	Slate	* 6
	Plywood	* 6

* 1 The adhesive strength may not be fully achieved.

* 2 A bulge may occur because outgas is generated. Please consult with us in advance.

* 3 As a plasticizer and suspended particles are included, raising and detaching may occur.

* 4 Heat cracks may occur.

* 5 In case of adhering outdoors, this product may be deteriorated, depending on conditions. Please consult with us in advance.

* 6 Basically prior processes and primer coating are needed. Otherwise raising and detaching may occur due to the water oozing and adhesive failure caused by the rough surface.

* The above 1 to 6 may differ depending on conditions. Please contact us for details.

Removable performance

● A removable pressure-sensitive adhesive is a pressure-sensitive adhesive suitable for detaching after a certain period of time.

● Removable performance differs depending on the adhering period and the type of test panel, and ambient conditions.

We recommend that test should be conducted in advance.

● Substrates needed for prior removable test

- PVC films/panels
- Deteriorated coating substrates
- Substrates where the adhering facilitation process is applied
- Substrates where base material failure may occur (paper, plaster boards, etc.)

* If you have questions about our products, please contact us.

* This sheet provides product information and information about the environment and safety, and does not guarantee performance or quality.

* Product specifications and appearance are subject to change without notice for the purpose of improvement.



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