

Double-sided pressure-sensitive films for mounting **E-337RC**

ID: 40VM33700

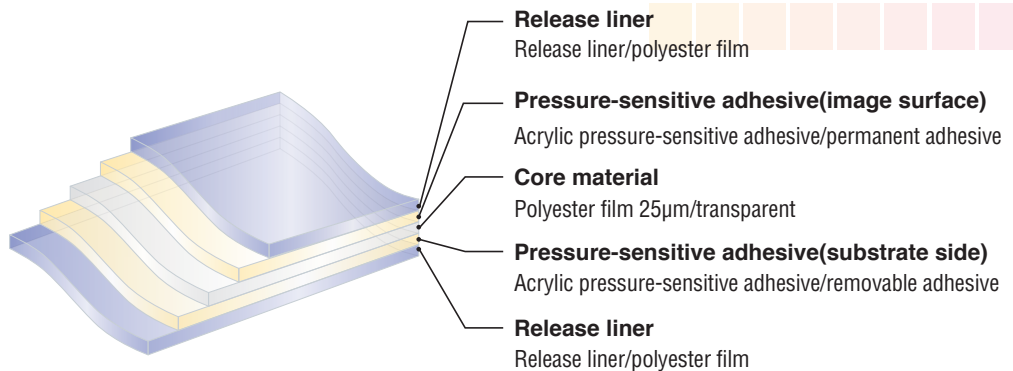
Features

- Double-sided pressure-sensitive films for highly transparent mounting which use transparent polyester films for face stock
- It is suitable for windows (applied from inside) and partition posting applications.
- It reinforces the image surface and backside, and enhances convenience for posting.
- It has excellent dimensional stability
- It uses pressure-sensitive adhesives which are easy to remove.

Standard sizes

1,250mm × 30m rolls

Product configuration



Weight: 157g/m² (Includes release liner)

Properties

Adhesion (value)

Test items	Unit	Properties		Test panel	Test method
		Image surface	Substrate side		
Adhesive strength 30 minutes after adhering	N/25mm	12.3	2.2	Stainless	LINTEC method
Adhesive strength 24 hours after adhering	N/25mm	18.0	2.4	Stainless	LINTEC method
Adhesive strength 30 minutes after adhering	N/25mm	11.7	2.2	Glass	LINTEC method
Adhesive strength 24 hours after adhering	N/25mm	16.5	2.4	Glass	LINTEC method
Ball tack	No.	12	8	—	J.Dow method
Holding strength	Second	NC 30000	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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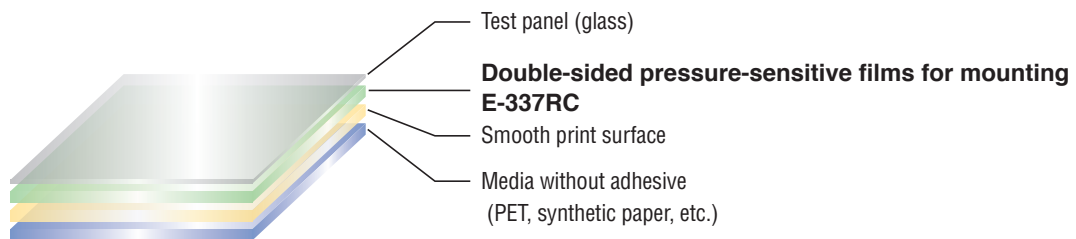
Film properties (value)

Item		Unit	Properties
Tensile strength	MD	N/25mm	115
	CD	N/25mm	129
Tensile expansion rate	MD	%	135
	CD	%	106

Optical properties

Item	Unit	Properties
Ultraviolet ray transmission	%	79.3
Visible light transmission	%	90.4

Example of use



* Using with media without adhesive which absorb humidity easily such as paper causes the raise and detaching.

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. Use the product as early as possible after opening.
- This product is a double-sided pressure-sensitive sheet.
- Make sure of the adhesion of this pressure-sensitive film for mounting and image-sided ink by conducting a test in advance. For ink, please consult with printer manufacturers or ink manufacturers.
- This film is for indoor use only
- To use for joints and the same surface, use the same lot.
- 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

- Please be aware during processing that this product is rolled so that the permanent adhesive on the image side becomes inside and the substrate outside.
- Applying tension (brakes) excessively during the mounting process may cause curls.
- If compression bonding is insufficient during the mounting process, some air will remain between the printing materials and pressure-sensitive films for mounting and become white. This may cause squeegee marks during work and bulging after work.
- Do not touch the output surface of media directly with your hand during the mounting process. Sebum, oil, dirt, and scratches may lower quality.
- Do not carry out post-processes such as mounting after printing until the ink is dried completely. For the time needed to dry ink, please contact your printer manufacturer.
- For output products with a focus placed on color tones, check the change after mounting 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 sopy 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 fully achieved immediately after adhering.
- The adhesive strength may not be achieved fully for install on a substrate where condensation tends to form.

Test panel

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

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

- * 1 The adhesive strength may not be achieved fully.
- * 2 Bulge may occur because outgas is generated. Please consult with us in advance.
- * 3 As a plasticizer and suspended particles are included, raise and detaching may occur.
- * 4 Heat cracks may occur in the case of adhering on all surfaces.
- * The above 1 to 4 may differ depending on conditions. Please contact us for details.

- * 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.

