

## Printing materials E-1000ZC

ID: 400515779

### Features

- Media for solvent inkjet printers
- Transparent polyester film
- It is suitable for window display applications.
- It is high in transparency, and demonstrates excellent design.

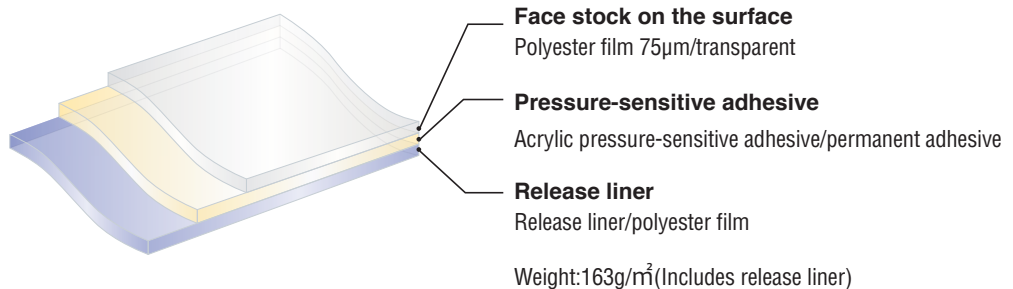
### Applications

For indoor and short-term outdoor applications

### Standard sizes

- 1,000mm × 30m rolls
- 1,220mm × 30m rolls

### Product configuration



### Properties

#### Adhesion (value)

Test items	Unit	Properties	Test panel	Test method
Adhesive strength 30 minutes after adhering	N/25mm	14.1	Stainless	LINTEC method
Adhesive strength 24 hours after adhering	N/25mm	20.7	Stainless	LINTEC method
Adhesive strength 30 minutes after adhering	N/25mm	15.0	Glass	LINTEC method
Adhesive strength 24 hours after adhering	N/25mm	19.0	Glass	LINTEC method
Ball tack	No.	16	—	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



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## Film properties (value)

Item		Unit	Properties
Tensile strength	MD	N/25mm	236.5
	CD	N/25mm	315
Tensile expansion rate	MD	%	104
	CD	%	105

## Optical properties

Item	Unit	Properties
Ultraviolet ray transmission	%	74.3
Visible light transmission	%	91.1

## Example of the combined use of materials

Our recommended pressure-sensitive laminating films by applications.

### <<Window display applications (Applied from outside)>>

Item No.	Face stock	Texture	Thickness	Standard sizes	UV protection	Application
			( $\mu\text{m}$ )	(mm×m)		
G-030EV50	Polyester film	Gloss	50	1,090×50 1,250×30 1,350×30	○	For indoor and short-term outdoor applications

### <<Window display applications (Applied from inside)>>

Item No.	Face stock	Texture	Thickness	Standard sizes	UV protection	Application
			( $\mu\text{m}$ )	(mm×m)		
G-044EN25	Polyester film	Gloss	25	1,090×50 1,250×30 1,550×30	None	For indoor applications
WinteriorProtect50UH	Polyester film	Gloss	50	1,100×50 1,250×30 1,560×30	None	For indoor applications

\*Durability (usable period) may decline depending on the combined laminating films.

## 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 Lintec laminating films to improve durability (surface and protection of ink) and workability.
- It does not provide removable performance as it is a permanent adhesive.
- 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

- 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.
- Do not carry out post-processes such as laminating after printing until the ink is dried completely.  
For the time needed to dry ink, please contact your printer manufacturer.
- When this product is used with laminating, color tones may change slightly depending on the type of laminating.  
Check the change after laminating if color tones are deemed important.

## 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.

## 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.

- \* 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.

