Printing materials **E-2203RC**

**Features**
- Printing materials for UV curable inkjet printers
- Highly transparent polyester film with 100µm thickness is used for face stock.
- It has excellent removability
- The pressure-sensitive adhesive wets out over flat glass, and easily installed
- It is suitable for window display applications.
- Indoor application only
- Provides scratch-resistant treatment on the surface
- It has excellent dimensional stability

**Applications**
For indoor applications

**Standard sizes**
1,370mm × 30m rolls
1,560mm × 30m rolls

**Product configuration**
- **Face stock on the surface**
  - Polyester film 100µm/transparent/gloss
- **Pressure-sensitive adhesive**
  - Silicone pressure-sensitive adhesive/transparent super removable
- **Release liner**
  - Release liner/polyester film 50µm

**Properties**

**Adhesion** (value)

<table>
<thead>
<tr>
<th>Test items</th>
<th>Unit</th>
<th>Properties</th>
<th>Test panel</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive strength 30 minutes after adhering</td>
<td>N/25mm</td>
<td>0.03</td>
<td>Stainless</td>
<td>LINTEC method</td>
</tr>
<tr>
<td>Adhesive strength 24 hours after adhering</td>
<td>N/25mm</td>
<td>0.03</td>
<td>Stainless</td>
<td>LINTEC method</td>
</tr>
<tr>
<td>Adhesive strength 30 minutes after adhering</td>
<td>N/25mm</td>
<td>0.03</td>
<td>Glass</td>
<td>LINTEC method</td>
</tr>
<tr>
<td>Adhesive strength 24 hours after adhering</td>
<td>N/25mm</td>
<td>0.04</td>
<td>Glass</td>
<td>LINTEC method</td>
</tr>
<tr>
<td>Ball tack</td>
<td>No.</td>
<td>less than 2</td>
<td>—</td>
<td>J.Dow method</td>
</tr>
<tr>
<td>Holding strength</td>
<td>Second</td>
<td>NC 30000</td>
<td>Stainless</td>
<td>LINTEC method</td>
</tr>
</tbody>
</table>

**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)
  - 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
- C: Conhesion failure
- A: Adhesive transfer
- Zip: zipping
- NC: No creep

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Technical data sheet

Film properties (value)

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile strength</td>
<td>MD</td>
<td>N/25mm</td>
</tr>
<tr>
<td></td>
<td>CD</td>
<td>N/25mm</td>
</tr>
<tr>
<td>Tensile expansion rate</td>
<td>MD</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td>CD</td>
<td>%</td>
</tr>
</tbody>
</table>

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 testin it be checked in advance.

Precautions for install

- Install ambient temperature: 10°C-40°C
- Operating temperature: -30°C-80°C
- If the install area is large, air comes in between media and substrate. We recommend install with water.
  * Recommend: soap should add to water with 0.1%-0.2% density.
- If install solutions are applied to the print surface, use a minimum amount and do not leave it as it is for a long period of time.
- If a squeegee is used for work, it is recommended to use the detached release films (or application films) when adhering.
- Avoid install on glass where condensation forms.
- These are media exclusive for glass. Avoid install on window films.

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.

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.