DAITAC E-5025CF

**Construction**

- Tape thickness: 25μm
- Electrically conductive non-woven fabric
- Electrically conductive acrylic adhesive
- PET release liner

**Characteristic**

- Non-woven fabric carrier provides flexibility and confirmability.
- Good electrical conductivity in thickness direction.
- Good adhesive strength.

**Application**

- For grounding static electricity.
- For EMI shielding of electronic equipment.

**Property**

<table>
<thead>
<tr>
<th></th>
<th>Units</th>
<th>E-5025CF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tape thickness</td>
<td>μm</td>
<td>25</td>
</tr>
<tr>
<td>Adhesion (SUS)</td>
<td>N/25mm</td>
<td>9.0</td>
</tr>
<tr>
<td>Holding Power (100°C/100g)</td>
<td>h</td>
<td>24&lt;</td>
</tr>
<tr>
<td>Electrical Conductivity : Pressure Method</td>
<td>Ω/6.25cm²</td>
<td>0.02</td>
</tr>
<tr>
<td>Electrical Conductivity : Attached Method</td>
<td>Ω/6.25cm²</td>
<td>0.04</td>
</tr>
</tbody>
</table>

**Size**

- Max width: 1000mm
- Standard length: 50m, Max length: 200m

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Items mentioned in this information are for customers’ reference and limited to certain examples although they are based on the most reliable data obtained by our company. It is hoped that customers make the best use of these products after careful examination. Concerning to use and processing the products on this documents, it is not guaranteed a industrial ownerships of a third party. All recipes and processes should be modified, if necessary to conform with particular application.
**TECHNICAL INFORMATION**

**EMI shielding effectiveness(Electro-magnetic field, Magnetic field)**

- **KEC method in electric field**
- **KEC method in magnetic field**

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### Test method

#### Peel adhesion at 180 angle

**Objective**
- To measure adhesion of tape sample

**Procedure**
- Test condition: 23 degree/ 50 %Rh
- Measuring after 1hour
- Test speed: 300mm/min
- Adherend: stainless, matte PET
- Equipment: TENSILON RTG-1210 made by TESTING INSTRUMENT

![Peel adhesion at 180 angle](image)

#### Resistance

**Objective**
- To measure Z direction electrical conductivity of tape

**Procedure**
- Test condition: 23degree/ 50%Rh
- Measuring after 1hour
- Measurement size: 25mm x 25mm
- Pressure condition of 2kg roller 1 round trip
- Equipment: Loresta-GP MCP-T600 made by MITSUBISHI CHEMICAL CORPORATION

![Resistance](image)

#### Shielding effectiveness

**Objective**
- To measure Electromagnetic wave shielding characteristics

**Procedure**
- Test condition: 23 degree/ 50 %Rh
- Measurement size: 5mm x 20mm
- Measure the shielding effectiveness based on KEC method
- Equipment: MS2661C Spectrum Analyzer made by ANRITSU

![Shielding effectiveness](image)