

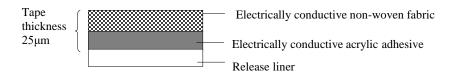




Electrically conductive non-woven fabric carrier adhesive tape

# DAITAC E-5025CF

# Construction



# 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**

	Units	E-5025CF
Tape thickness	μm	25
Adhesion (SUS)	N/25mm	9.0
Holding Power(100°C100g)	h	24<
Electrical Conductivity: Pressure Method	$\Omega/6.25$ cm²	0.02
Electrical Conductivity: Attached Method	$\Omega/6.25$ cm²	0.04

# **Size**

•Max width: 1000mm

Standard length: 50m, Max length: 200m

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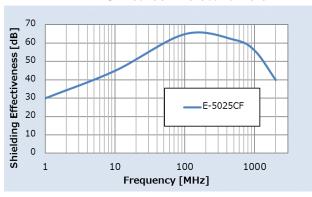
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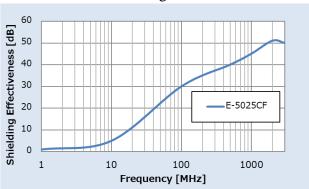
# **TECHNICAL INFORMATION**

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

### KEC method in electric field



### KEC method in magnetic field



## **Test method**

### Peel adhesion at 180 angle

Objective

•To measure adhesion of tape sample

Procedure

Test condition: 23 degree/ 50 %Rh

Measuring after 1hourTest speed: 300mm/min

· Adherend: stainless, matte PET

• Equipment: TENSILON RTG-1210 made by TESTING INSTRUMENT

# Tape (width: 25mm) Adherend (SUS) Backing (PET 25 μm) UMENT

### Resistance

Objective

•To measure Z direction electrical conductivity of tape

Procedure

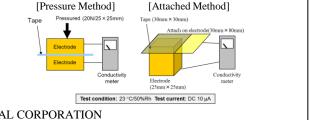
Test condition: 23degree/ 50%Rh

·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



### **Shielding effectiveness**

Objective

•To measure Electromagnetic wave shielding characteristics

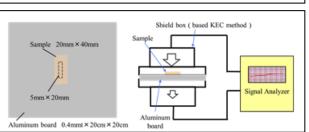
Procedure

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



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