

TECHNICAL DATA SHEET



DIC PSAs
web page

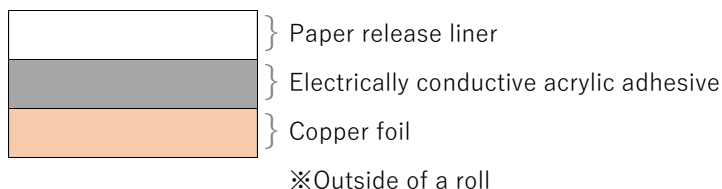


4F49A2 E Color & Comfort

Electrically conductive copper foil adhesive tape

DAITAC® E50CU

■ Construction



■ Characteristics

- ✓ Tape thickness is 50 μm .
- ✓ Excellent electrical conductivity in thickness direction.
- ✓ Excellent adhesion
- ✓ Product does not use the 6 restrictive substances of the RoHS Directive.

■ Applications

- ✓ For EMI shielding of electronic equipment.

■ Properties

Test item	Condition	Substrate	Unit	E50CU
Thickness	Except release liner	-	μm	50
180 deg. peel strength	23°C, 1hr	SUS (hairline)	N/25mm	11.8
Electrical resistance	Pressure method	Copper foil	$\Omega/6.25\text{cm}^2$	0.01
	Attached method	Copper foil	$\Omega/6.25\text{cm}^2$	0.03
Static shear	70°C, 0.5kg	SUS (hairline)	hr	24 <

■ **Size** 1,000mm in max width 50m in length

DIC Corp.

Composite Materials Product Div.

https://www.dic-global.com/en/products/adhesive_tapes

Please note that the data provided in this catalog (the "Catalog") is offered for informational purposes only, and serves as an example of previously measured values and not guaranteed values. DIC Corporation ("DIC") does not and shall not guarantee suitability and compatibility of the Products and the materials that the buyer will incorporate the Products with. Please note that prior to any use of the products stated in the Catalog (the "Products"), it is the buyer's responsibility to confirm the suitability and compatibility of the Products and the materials that the buyer will incorporate the Products with. DIC may modify the specifications of the Products stated in the Catalog at any time and at DIC's sole discretion prior to any use of the products. DIC shall not be liable for any infringement on any third parties' intellectual property rights resulting from the Products' existence, sale, use, combination with any materials, or any other applications or the Products thereof. DIC is the owner of the copyright associated with this Catalog. Copying and/or reprinting this Catalog without obtaining prior permission in writing from DIC is strictly prohibited.