

EMI SHIELDING TAPES



Part Number Example:
IMCU-HF-20T L=50

CU: Cooper (Material)
HF: Halogen Free
20: 20 mm (Width)
T: PSA (on one side)
L: 50 Meters (Length)

Conductive tapes for shielding and grounding

- Ideal solution for EMI and RF shielding
- Electrically conductive adhesive on one side
- Conductive fabric tape is flexible and wrinkle-free
- RoHS compliant

	Copper	Aluminum	Embossed Copper	Carbon Coated	Nickel Coated
Part Number	IMCU-HF-XXXT L=50	IMAL-HF-XXXT L=50	CCTE-XXX-C	CSTK-XXX	IMCF-HF-XXX L=50
Adhesive	Conductive Acrylic	Conductive Acrylic	Conductive Acrylic	Conductive Acrylic	Conductive Acrylic
Total Thickness (mm)	0.07 ± 0.01	0.07 ± 0.01	0.13 ± 0.01	0.1 ± 0.025	0.11 ± 0.02
Max Tape Width (mm)	290	1,000	480	300	1,000
Standard Roll Length (m)	50	50	20	20	50
Adhesive Strength	1000 gf / 25mm	1000 gf / 25mm	10.0 N / 25mm	8.5 N / 25mm	1,500 gf / 25mm
Operating Temperature (°C)	-20 ~ 100	-20 ~ 100	-40 ~ 80	-40 ~ 85	-20 ~ 80
Surface Resistance	0.3 Ω / sq	0.3 Ω / sq	0.01 Ω / sq 20mm	0.04 Ω / sq 20mm	0.3 Ω / sq
Z-Axis Resistance	0.05 Ω / in ²	0.05 Ω / in ²	0.008 Ω / 10mm x 100mm	1.59 mΩ / 20mm	0.1 Ω / in ²
Flame Resistance	UL510 Equivalent	UL510 Equivalent	-	UL510FR	UL510 Equivalent
Halogen-Free	Y	Y	Y	N	Y
	Conductive Fabric				



Custom Options

- Standard tape width: 20mm, 25mm, 50mm custom width available
- Die-cut custom size available upon request
- Insulation layer can be added upon request

Cross-sectional view CCTE (embossed copper tape)



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Please request for detailed product specification data prior to purchase

Volume resistivity stated on our EMI absorber flyer is meant for noise control parameters, where the absorber is considered a conductor, but not for insulation performance. Care should be taken when using absorbers. KITAGAWA INDUSTRIES America, Inc. makes no guarantees as to electrical resistivity values and accepts no liability due to short circuits where EMI absorbers are used directly on a PC Board or areas near high voltage such as for power. The products are designed for EMI noise reduction for electronics. This is not recommended for applications involving human life or extremely high accuracy. Prior to using the products in production, please verify their performance or adhesive strength of PSA for long term use. Avoid applying any external stress such as bending or high amounts of tension. Note when the absorber products are cut, bent, or pulled, there may be a possibility of creating cracks. For storage, keep products in a cool, dry, well-ventilated area at room temperature and avoid high temperatures, humidity, and direct sunlight.

Please contact the sales department at KITAGAWA INDUSTRIES America, Inc. for the use of our products prior to selecting the parts for your application.

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