

# EMI SHIELDING TAPES



## Conductive tapes for shielding and grounding

- Ideal solution for EMI and RF shielding
- Conductive fabric tape is flexible and wrinkle-free



## Specifications

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

### Part Number Example:

**IMCU-HF-20T L=50**

**CU:** Cooper (Material)

**HF:** Halogen Free

**20:** 20 mm (Width)

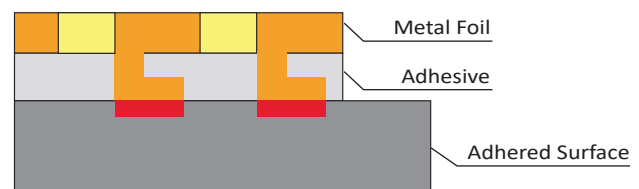
**T:** PSA (on one side)

**L:** 50 Meters (Length)

## 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)



Please request for detailed product specification data prior to purchase

All statements, specifications, properties, technical information, and recommendations herein are based on tests; however, the accuracy and completeness are not guaranteed and are subject to change without notice due to product improvement and specification change. This statement is made in lieu of all warranties, expressed or implied, including the implied warranties of marketability, and fitness for purpose. KITAGAWA INDUSTRIES America, Inc. obligation under this warranty shall be limited to replacement of product that proves to be defective. Prior to use, the user shall determine the suitability of the product for its intended use, and the user assumes all risk and liability whatsoever in connection therewith. KITAGAWA INDUSTRIES America, Inc. shall have no liability for any injury, loss, or damage arising out of the use of or the inability to use the products. No statement or recommendation contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer. Reprinting or copying any content in KGS America catalogs is strictly prohibited without prior consent. KITAGAWA INDUSTRIES America, Inc. logos and markings are registered trademarks of KITAGAWA INDUSTRIES America, Inc. (dba KGS America) or an affiliate company thereof. KGS America logo may not be used or copied under any circumstances.

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

[www.kgs-ind.com](http://www.kgs-ind.com)

EMI Shielding Tapes\_REV2\_03142023