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)

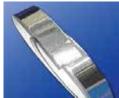
L: 50 Meters (Length)

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

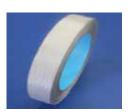
	Copper	Aluminum	Embossed Copper	Carbon Coated	Nickel Coated	
Part Number	IMCU-HF-XXXT L=50	IMAL-HF-XXXT L=50	CCTE-XXX-C	CSTK-XXX	IMCF-HF-XXXY L=50	
Adhesive	Conductive Acrylic	Conductive Acrylic	Conductive Acrylic	Conductive Acrylic	Conductive Acrylic	
Total Thickness (mm)	0.07 ± 0.01	0.07 ± 0.01	0.13 ± 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	$0.05~\Omega$ / in ²	$0.05~\Omega$ / in ²	0.008 Ω/ 10mm x 100mm	$1.59~\text{m}\Omega$ / 20mm	$0.1 \Omega / in^2$	
Flame Resistance	UL510 Equivalent	UL510 Equivalent	-	UL510FR	UL510 Equivalent	
Halogen-Free	Υ	Υ	Υ	N	Υ	
				Conductive Fabric		







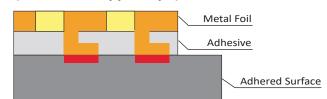




Custom Options

- 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)





All statements, specifications, properties, technical information, and recommendations herein are based on tests; however, the All statements, specifications, properties, tecrnical information, and recommendations nerein are based on tests; nowever, trie 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.

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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

Please request for detailed product specification data prior to purchase

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