

# Flame Retardant Conductive Fabric Tape

## LH-920F

LH-920F conductive fabric tape is dark gray colored. It is durable and soft. With nickel and copper plated and It shows good conductivity and EMI/RFI shielding effectiveness. It is easy to die cut and is widely use in FPC and electrical application for ESD/EMC design solutions. Also, It can be made into fabric over foam to providing EMI shielding and sealing functions

### Structure

Conductive Fabric (FCN-R470FR )

Conductive Adhesive( Flame Retardant)

### Features And Benefits

- Good anti-oxidation function
- Lightweight and low surface resistance
- Meet UL94 V-0 Flame retardant Level
- Shows good EMI shielding effectiveness
- Meet EU-RoHS and Halogen Free

### Technical Data

PROPERTIES		DATA	TEST METHOD
Conductive Fabric	Color	Gray	Visual
	Thickness , mm	0.10 ± 0.01	ASTM D1000
	Plating	Ni + Cu + Ni	/
Conductive Adhesive	Thickness , mm	0.05 ± 0.005	ASTM D3652
	Type	FR Conductive Acrylic	/
	Component	Nickel + Acrylic	/
Total Thickness , mm		0.14 +/-0.02	ASTM D1000
Temperature Range, °C		-10 ~80	ASTM D1000
Surface Resistance, ohm/sq		< 0.08	MIL-DTL-83528E
Resistance through thickness, ohm		< 0.03	MIL-DTL-83528E
Flame Retardant Rating		V-0	UL 94
Peel Adhesion,kgf/inch		> 1.5	PSTC-101
Shear Adhesion,Hour		> 48	PSTC-107
Shielding Effectiveness, dB		> 70	ASTM D4935

### Shelf Life and Storage

Please store product in conditions:  
10~25 °C / 40~60% R.H.,

Storage Validity: 6 Months from  
the date of shipping date.

#### [Attention]

1. The data listed above are typical test results obtained from a series of laboratory tests.
2. To get optimal effectiveness of adhesion, the surface of the object must be clean and dry
3. Many factors may affect the application performance of this product, Please conduct the performance experiment to make sure the approach is available refer to the suggestions of the professional before putting into particular purpose.

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