

Conductive Fabric Tape

LH-T70

LH-T70 is black conductive fabric with conductive pressure sensitive acrylic adhesive coated. Conductive fabric is woven with polyester thread, With nickel and copper plated, it provides good EMI shielding effectiveness and conductivity. Conductive fabric have been developed with lightweight fabric and special coating to meet a diverse range of usage.

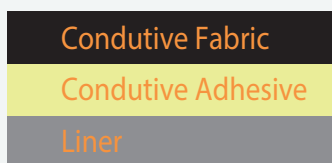
LH-T70 is soft and anti-oxidation and is widely used in FPC and electrical applications's ESD/ EMC design solutions. Also, it can be designed to make any kind of shape with die cutting.



FEATURES AND BENEFITS

- Excellent bonding effectiveness with good adhesive
- Anti-oxidant and durable
- Soft and lightweight
- Excellent shielding effectiveness
- Meet EU-RoHS and Halogen free

STRUCTURE



Longyoung Electronics, Co.

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TECHNICAL DATA

PROPERTIES		DATA	UNIT	REFERENCE
Conductive Fabric	Color	Black	/	
	Fabric Structure	Taffeta	/	
	Thickness	0.055±10%	mm	ASTM D 1777
	Plating	Cu+Ni	/	
Adhesive	Thickness *	0.07±10%	mm	ASTM D 1000
	Type	Conductive PSA		
Surface Resistance		0.05	ohm/inch ²	MIL-STD-83528D
Resistance through thickness		0.03	ohm	MIL-STD-83528D
Peel adhesion		≥2.0	kg/inch	PSTC-101
Operating temperature		-10 ~ 80	℃	ASTM D 1000
Total Thickness **		0.12±0.02	mm	ASTM D 1000
Shielding effectiveness		≥68	dB	ASTM D 4935

* Customer can choose different thickness and/or peel adhesion conductive adhesive for better fit for your project.

** Total thickness is less than the sum of thickness of each layer, because conductive adhesive is permeated into the conductive fabric backing after lamination.

*Peel adhesion is for adhesive only.

ATTENTION

- Keep the product away from fire
- Please confirm the correctness before using
- Please make sure the application interface is clean

STORAGE AND SHELF LIFE

- Please store the product at room temperature
- Storage Validity: 12 Months from manufacture date.

HOW TO ORDER

- Products are shipped in sheet or in roll , and can also be die-cut in special shapes according to customer needs

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