Conductive Fabric Tape

TECHNICAL DATA SHEET

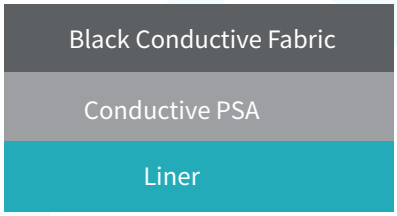
LH-953

Conductive Polyester Fabric is made by metal such as copper and nickle coated on the surface of polyester fiber. copper and nickel provides excellent electrical conductivity. At the combined to same time, It also have anti-oxidant and anti-corrosive properties. In frequency within a range of 10MHz to 3GHz it exhibits good shielding effectivility.

Features

- Excellent conductivity in all axis
- Great for die-cut and automated applications
- Great contact with all-kinds of surfaces
- Excellent shielding effectiveness

Structure



Specifications

PROPERTIES	DATA	TEST METHORD
Color	Black	Visual
Fabric Structure	Taffeta	/
Fabric Thickness, mm	0.03± 0.01	ASTM D 1777
Plating	Ni +Cu+ Ni + Black Resin	/
Total Thickness, mm	0.05 ± 0.01	ASTM D 1000
Surface Resistance,ohm/sq	≤ 0.05	MIL-DTL-83528
Vertical(Z-axis) Resistance,ohm	≤ 0.01	MIL-DTL-83528 modified
Peel Adhesion,kgf/inch	≥ 1200	PSTC-101
Shear Adhesion, Hours	≥ 72	PSTC-107
Shielding Effectiveness, dB	≥ 68	ASTM D 4935
Operating Temperature,	-10 ~80	/
Shelf Life, Month	12	10~25 , 40%~60% R.H

Regulation

RoHS Compliant & Halogen Free
and PFAS-free

Disclaimers

Many factors beyond Longyoung's control and uniquely within user's knowledge and control can affect the use and performance of a longyoung product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application.