

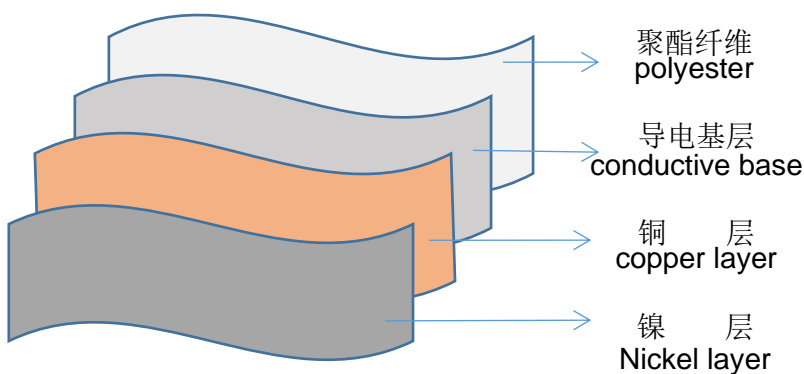
Technical Data Sheet

❖ 产品介绍 Product introduction

平纹导电布是以纤维布（一般常用聚酯纤维布）为基材，经过前置处理后施以电镀金属镀层使其具有金属特性而成为导电纤维布可用于涂布导电压敏胶或者贴合热熔胶包覆聚氨酯泡棉。

Conductive fabric is based on fibre cloth (commonly used polyester fiber cloth). After pre-treatment, plated metal coating is applied to make it have metal properties. It can be used to coat conductive pressure sensitive adhesives or bond hot melt adhesives to coat polyurethane foam cotton.

❖ 产品结构 Product structure



导电布材料是在聚酯纤维上，先化学沉积或金属物理转移金属镍到聚酯纤维上，在镍上再镀上高导电性的铜层，在铜层上再电镀上防氧化机防腐的镍金属，铜和镍结合提供了极佳的导电性和良好的电磁屏蔽效果。

Conductive fabric is made of polyester fibers by chemical deposition or metal physical transfer of nickel metal to polyester fibers, high conductivity copper coating on nickel, anti-oxidant nickel metal on copper coating, copper-nickel combination provides excellent conductivity and good electromagnetic shielding effect.

❖ 产品性能 Product performance

- 低阻抗，具有良好电磁波屏蔽性能和导电接地性能；
Low impedance, good electromagnetic shielding performance and conductive grounding performance
- 优异的柔软性及从型性能；
Excellent flexibility and conformity;
- 对丙烯酸酯等压敏胶水亲和性好，高附着力；
It has good water affinity and high adhesion to acrylate isobaric adhesive;
- 模切性好，无毛丝，便于加工。
Good die-cutting, no wool, easy to process.

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❖ 产品特性 Product characteristics

特性 characteristics	标准值 standard value	测试标准 testing standard
颜色 color	灰色 gray	/
厚度 thickness (mm)	0.08 \pm 0.007	ASTM D3652
织布密度 density (T)	230 \pm 10	ASTM D3775
幅宽 width (mm)	1090/1120	
基重 base weight (g/m ²)	76	ASTM F390
表面电阻 surface resistance (Ω)	\leq 0.05	ASTM F390
Z - 导通电阻 vertical resistance (Ω)	\leq 0.03	
屏蔽效能@10MHz~3GHz (dB) shielding effectiveness	\geq 75	SJ20524-1995
金属层结合力 (grad)	Four above	AATCC TM8-2001

❖ 产品应用 Product application

可用于从事电子，电磁等高辐射工作的专业屏蔽工作服；屏蔽室专用屏蔽布；IT行业屏蔽件专用布等。该产品可作为半成品用于涂布导电电压敏胶或者贴合热熔胶包覆聚氨酯泡棉，用于手机、平板电脑、笔记本电脑等电子产品内部结构件，例如：FPC、PCB、扬声器、喇叭、天线、摄像头等模块电磁波屏蔽及静电泄放。

This product can be used as semi-finished product for coating conductive pressure sensitive adhesives or bonding hot melt adhesives to coat polyurethane foam cotton, for internal structural parts of electronic products such as mobile phones, tablet computers, notebook computers, such as FPC, PCB, speakers, loudspeakers, speakers, etc. Electromagnetic shielding and static discharge of antenna, camera and other modules.

❖ 使用期限及储存条件 Term of use and storage conditions

- 最佳使用期限 Best use life: 24 months
- 最佳储存条件 Optimum storage condition: 6 $^{\circ}$ C~34 $^{\circ}$ C/0~65%RH储存在包装箱里 in the packing box

特别声明：
 ★ 以上技术数据仅供参考，不做产品验收之用。
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