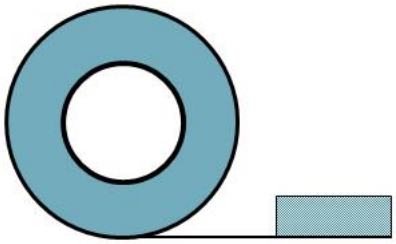
Rip-stop weave conductive fabric SY-NF36B

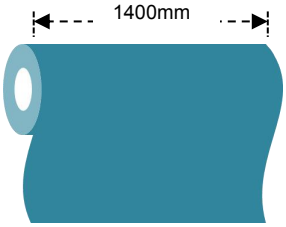
Technical Data Sheet Version Number: A-a

❖ Product Introduction

NF36B, the rip-stop conductive fabric, after preprocessing on the polyester fibre cloth, is coated with the metal shielding layer by chemical plating and electroplating process, so that it will be conductive with metal characteristic. It can be used for coating conductive pressure-sensitive adhesive or laminating polyurethane foam with hot-melt adhesive.

❖ Product Structure





• Product Performance

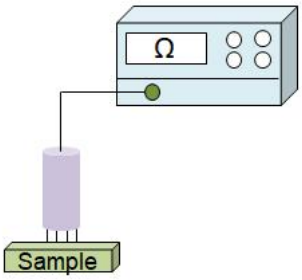
- Low impedance，good electromagnetic and grounding performance;
- Soft, good conformability;
- It has good affinity to pressure-sensitive adhesives like acrylic acid and it has high adhesion strength.
- Good die-cut process ability.

❖ Features

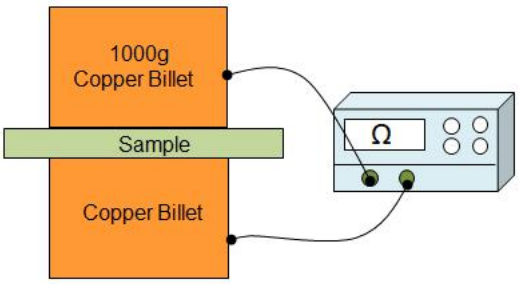
Features	Data	Test Standard
Color	Gray	/
Thickness（mm）	0.10±0.01	ASTM D3652
Fabric Density（T）	260±10	ASTM D3775
Surface Resistance（Ω）	≤ 0.05	ASTM F390
Z-Ron（Ω）	≤ 0.03	Saintyoo TM
Shielding Effectiveness@10MHz~3GHz（dB）	≥60	SJ20524-1995
Metallic Cohesion（grad）	Four above	/

❒ Resistance Test Method

1）Surface Resistance（Ω）



2）Z-Ron（Ω）



❖ Application

The product can be used as a semi-finished product for coating conductive pressure-sensitive adhesive or laminating polyurethane foam with hot-melt adhesive, electromagnetic and grounding in mobile phone, tablet, laptop and other electronics inner structure, such as FPC, PCB, speaker, antenna, camera and other modules.

❖ Duration and Storage Condition

- Best duration: within 24 months
- Best storage condition: 6℃~34℃/0~65%RH in packing case.

Special Declaration: We suggest user do adaptability test before the formal use of this product. Due to the diversity of practical application, our company do not guarantee that the problem appear in a specific condition, thus our company will not be responsible for any direct, indirect or accidental damage. You can contact my company's after-sales service when problems encountered in the use, we will try to help you.