

# Conductive Tape



## Introduction

### 导电胶带 ST-CTS01 Conductive Tape ST-CTS01 Series



#### 1. 产品概要 Product profile

单面 丙烯酸胶粘剂类型的导电胶带，对被黏贴物的粘帖性优秀。Single side Acrylic adhesive conductive fabric tape has excellent adhesive force.

使用了混合胶，向各阶层快速传电。By using mixed adhesive, it has excellent conductivity.

使用了混合导电层，垂直及水平方向的电子导电性优秀。By using mixed conductive liner, it bring excellent conductivity vertically and horizontally.

屏蔽其他不必要的电子干扰及信号的效果优秀。Shielding electronic signal interference.

容易制作成需要的形状，柔软性优秀容易使用，优秀的耐热性及维持力。Easy to handle with excellent heat resistance and maintenance.

#### 2. 产品结构 product structure

黑色导电层 black conductive liner
铜箔层 copper foil
导电胶层 conductive adhesive liner
导电织物层 conductive fabric
导电胶 conductive adhesive
离型层 release liner

### 3.典型 物性表 Typical specifications

试验项目Test item	测试方法Test method	基准值value
厚度 (不含离型层)Thickness (excluding release liner)	ASTM D 3652	50± 10% (μm)
颜色(color)	视觉vision	黑色black
180° 剥离强度peeling strength	ASTM D 3330	Min.1,100gf/25mm
水平阻抗Horizontal impedance	ASTM D-991 (MIL DTL 83528)	Max. 100m Ω
垂直阻抗vertical impedance	-	Max. 100m Ω

### 4. 适用范围Applicaitons

- 电视机 TV
- 显示屏Display
- 笔记本电脑 computers

### 5. 包装事项Packing

- 规格size 1000mmx50m
- 储存条件storage conditions
- 室温Room Tem: 23±5°C
- 相对湿度Relative Hunidity: 50±10%



注：产品结构、材料组合、厚度规格可按客户要求定制。

Note: Product structure, material composition, thickness and specifications can be customized according to customer requirements

## Technical Data Sheet技术指标表

### BF-AMCT-0045B

- Product 产品
  - Electro Conductive Tape 导电胶带
- Features 特性
  - Excellent Adhesive 优秀的粘合性
  - Excellent Electro Conductivity 优秀的导电性
  - Excellent Light Shielding 优秀的遮光性
  - The Thin Thickness(Being advantageous to the mobile application) 厚度薄 (有利于手机应用)

- Structure 结构



- ① Layer : Black Conductive Fabric Layer 黑色导电纤维布层
- ② Layer : Electro Conductive Acrylic Adhesive Layer 导电亚克力胶层
- ③ Layer : PET Release Liner Layer PET离型层

- Characteristics 性能

Items 项目	Unit 单位	Value 基准值	Test Method 测试方法
Thickness 厚度	μm	45±10%	Thickness Gauge厚度计
180° Peel Strength 剥离强度	SUS	gf/25mm	Above 700
Vertical Resistance 垂直电阻	mΩ	50	
Surface Resistance 表面电阻	mΩ	100	ASTM D 257
Adhesive 粘合剂	-	Conductive Acrylic Adhesive 导电亚克力粘合剂	

- ✓ \* When applying Pressure Sensitive Adhesive Film to any surface, be sure that the surface free from Oil or other surface contaminates such as powder, dust or release agent.  
当压敏胶用于任何表面，确保表面没有油和其他表面污染，比如粉尘、灰尘和离型剂。
- ✓ \* Adhesive performance should be carefully checked when used on substrates containing plasticizers.  
当用于含有增塑剂的基材时，要仔细检查粘合性能。
- ✓ \* The term of validity is six months from manufacturing date when stored under the conditions of 23 ±2 °C and 60 ±10% R.H. in the original carton.  
在原纸箱里和23±2 °C 和 60 ±10% R.H. 条件下存放，有效期是生产日期起6个月。

## Technical Data Sheet 技术指标表

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• Characteristics 性能

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