

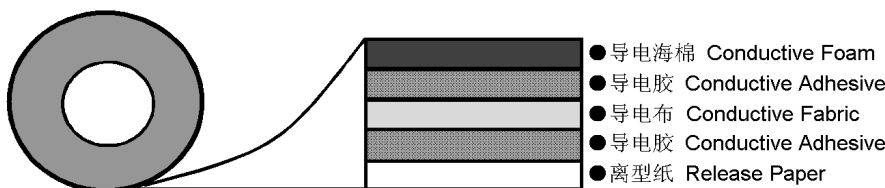
EL10S
Super Conductive Foam
 全方位导电海绵

Technical Data: 产品说明书

● **Key Features:** Low contact resistance and high shielding effectiveness.
 特点 接触电阻低及高屏蔽效能。
 Good resilient and low compression set.
 极好的弹性及弹性恢复性能。
 Good reliable through Accelerated Life Test(ALT).
 通过产品寿命老化测试确定具有极优的可靠性。
 Good adhesion capacity to make reliable sticking.
 极好的粘着性能。

● **Application Ideas:** ESD grounding for electronic equipments.
 应用 电子设备ESD接地。
 Fill the EMI gap for electronic equipments.
 填充电子设备EMI间隙。

● **Construction:** 结构



● **Technical Data:** (Temperature Range : 25°C , 40 ~ 60RH;)

技术参数: (以下所得测试数据均在室温25°C , 40 ~ 60RH条件下进行)

Test Item 测试项目	Unit 单位	Value 数值	Test Method 测试方法
Carrier 基材	Conductive Foam 聚酯海绵		/
Color 颜色	Silver Gray 银灰		/
Thickness 厚度	mm	1.0±0.2	/
Width 宽度	mm	300-1000	/
Initial Adhesion 初粘	Ball No. 球号	5	GB/T4852,Ball tack. J.dow method at room temperature. Tape size:100mm*150mm. 初粘, 在室温下用J.dow方法; 测试尺寸: 100mm *150mm。
180°Peel Adhesion 180° 剥离力	kgf/25mm	1.20	GB/T2792,180°peel strength to Stainless Steel Panel at room temperature,tape size:25mm*150mm. 室温下180° 对基板剥离; 测试尺寸: 25mm×150mm。
Holding Power 保持力	hrs	≥24	GB/7754,Tensile strength, tape size:25mm*25mm, loading: 1kg. 拉伸强度, 测试尺寸: 25mm×25mm, 荷重: 1kg。
Adhesion Strength 结合力	A		/
Salt Spray Test 盐雾试验	Ω/sq	<0.5	/
Breaking Strength 断裂强度	MPa	90	ASTM D 1000

Performance Test 效能测试	Weight 克重	g/m ²	140±20	ASTM D 3775
	Vertical resistivity 垂直电阻	Ω/sq.in	≤0.10	ASTM F 390
	Shielding Effectiveness 屏蔽效能	dB	≥70	ASTM D 4935
Halogen Test 卤素测试	Cl	ppm	N.D	/
	F			
	I			
	Br			
RoHS Test RoHS测试	Pb	ppm	N.D	/
	Cd			
	Hg			
	Cr+6			
	PBB			
	PBDE			

●Shelf Life & Storage

Conditions : 存储方式与保质期

Avoid direct sunshine, Shelf life 6 months when stored in original cartons at 26°C and 40~70RH relative humidity.

上述产品尽可能在26°C, 40~70RH相对湿度的条件下, 存放于室温、干燥环境下储存; 避免太阳直射, 其保质期为6个月。

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