

EL30S

Super Conductive Foam

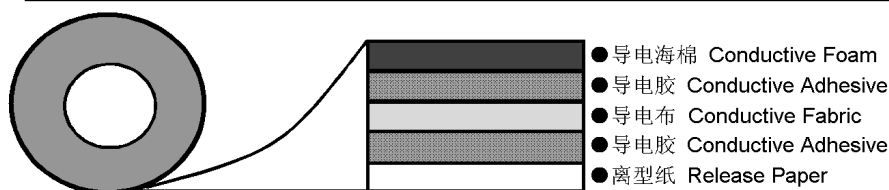
全方位导电海棉

Technical Data: 产品说明书

- Key Features:**
 特点
 - Low contact resistance and high shielding effectiveness.
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:**
 应用
 - ESD grounding for electronic equipments.
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	3.0±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	150±20	ASTM D 3775
	Vertical resistivity 垂直电阻	Ω/sq.in	≤0.60	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℃ and 40~70RH relative humidity.

上述产品尽可能在26℃，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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