

EL05Y Super Conductive Foam

◆ Technical Data

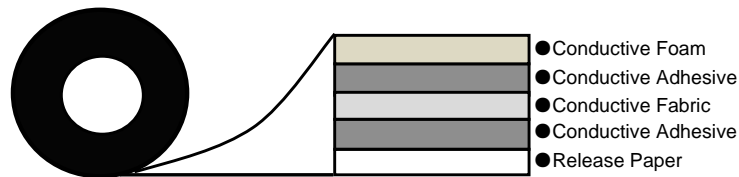
● Key Features

Low contact resistance and high shielding effectiveness.
 Good resilient and low compression set.
 Good reliable through Accelerated Life Test(ALT).
 Good adhesion capacity to make reliable sticking.

● Application Ideas

ESD grounding for electronic equipments.
 Fill the EMI gap for electronic equipments.

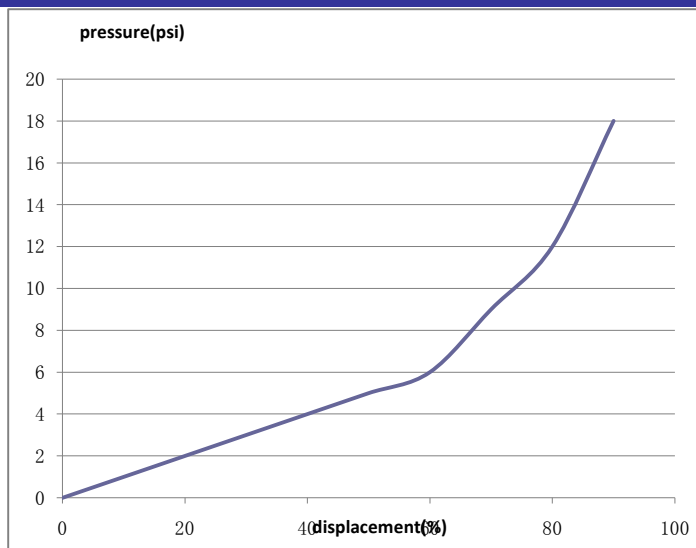
● Construction



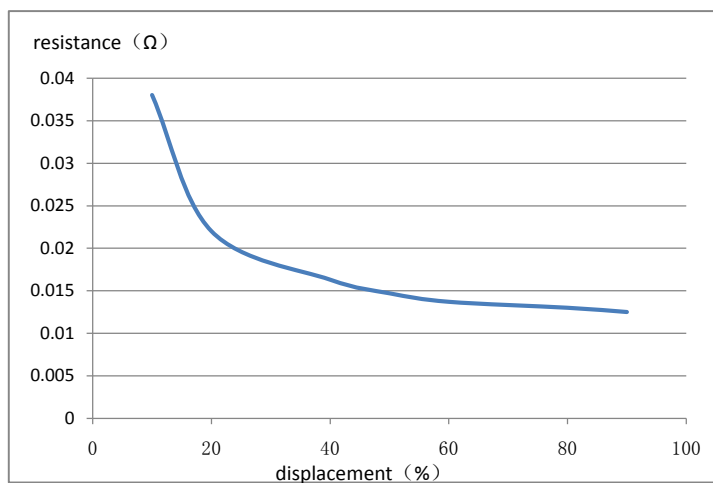
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Test Item	Unit	Value	Test Method	
Carrier	Conductive Foam		—	
Color	Silver Gray		—	
Thickness	mm	0.5±0.1	—	
Width	mm	300-1000	—	
180°Peel Adhesion	kgf/25mm	1.2	ASTM D3330,180°peel strength to substrate at room temperature,tape size:25mm*150mm	
Holding Power	hrs	≥24	ASTM D3654, tape size:25mm*25mm, loading:1kg.	
Adhesion Strength	A		—	
Salt Spray Test	Ω/sq	<0.5	—	
Breaking Strength	MPa	90	ASTM D1000	
Performance Test	Vertical resistivity	Ω/sq.in	≤0.05	ASTM F390
	Shielding Effectiveness	dB	≥70	ASTM D4935
Halogen Test	Cl	ppm	N.D	—
	F			
	I			
	Br			
RoHS Test	Pb	ppm	N.D	—
	Cd			
	Hg			
	Cr ⁶⁺			
	PBB			
	PBDE			

◆ Compression Curve



◆ Resistance Curve



◆ Shelf Life & Storage Conditions

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

◆ Notes

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