

EL25Y Super Conductive Foam

◆ Technical Data

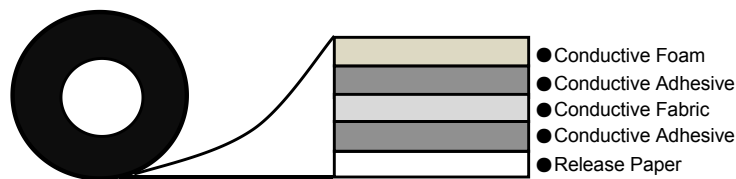
● Key Features

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.

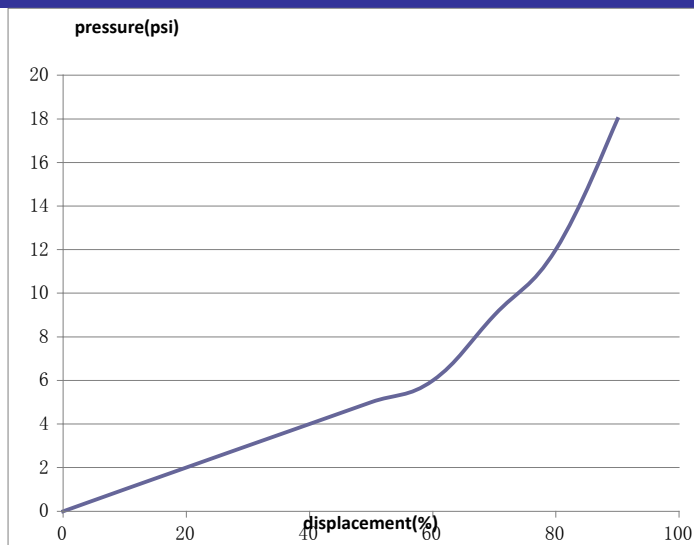
● Construction



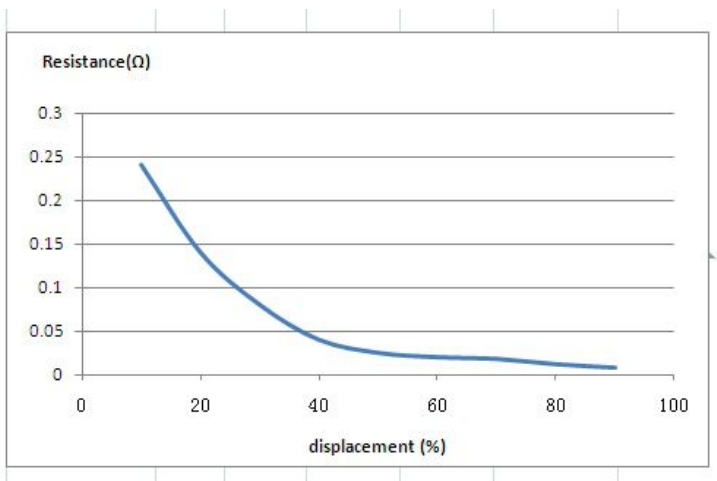
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Test Item	Unit	Value	Test Method	
Carrier	Conductive Foam		—	
Color	Silver Gray		—	
Thickness	mm	2.5±0.2	—	
Width	mm	300-1000	—	
180°Peel Adhesion	kgf/25mm	1.5	ASTM D3330, 180° peel strength to substrate at room temperature, tape size: 25mm*150mm	
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

The information contained in this data sheet is intended to assist you in designing with Incheng adhesive tape. The technical information and datas should be considered representative or typical only. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for particular purpose or that the results shown on this data sheet will be achieved by user for a particular purpose. The user should determine the suitability of Incheng adhesive tape for each application.

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