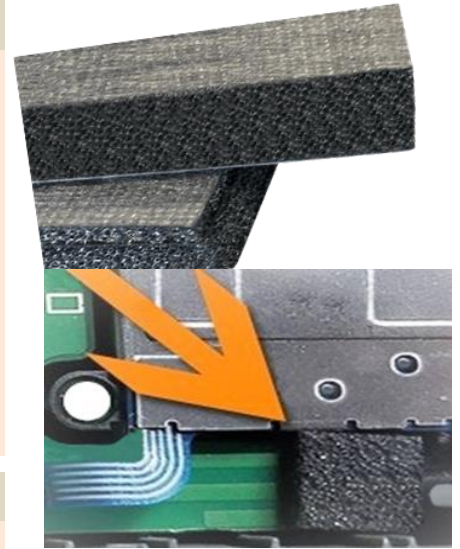


## Description

LISAT EMI Conductive Foam provides X, Y & Z-axis conductivity which enhance the shielding effectiveness required to meet the increasing microprocessor speeds of added value of Consumer Electronics, Computer and Telecommunications Applications. LISAT EMI Conductive Foam is designed for low-cycling applications such as Input/Output (I/O) shielding and other non-shear standard connectors. It is suitable for Indoor Electronic Enclosure, ESD and EMI shielding applications.



EMI Conductive Foam Structure

## Features and Benefits

- Shielding Effectiveness :  $\geq 85$ dB at 100Hz--3GHz
- Single-side adhesive meet flexibility in designing
- Compression Maximal : 70%, Recommend 35%
- Very low S/V impedance and
- Excellent shielding effectiveness for ESD, EMI & EMC

## Applications

- Smart Phone
- PDA & Tablet
- Laptop & Notebook
- LCD displays & LCD TV
- Advertising Machine
- Communication Equipment Chassis Box, EMI Room & Etc

Conductive Foam
Conductive Adhesive
Taffeta Fabric
Conductive Adhesive
Release Liner

Notes: The below technical data and information should be thought as typical or representative only, and should not be used for specification purposes.

EMI CONDUCTIVE FOAM TYPICAL PROPERTIES	
PROPERTY	Value
Material	Conductive Foam + Taffeta Fabric
Colour (Visual)	Silver Gray
Thickness (mm)	0.3 ~ 6.0 ( $\pm$ 0.2mm)
Compression Ratio (%)	Max 70% ( suggest 35%)
Shielding Effectiveness (1.0mm)	<sup>3</sup> 85 ( dB_ 100Hz-3GHz)
Shielding Effectiveness (50% Compression)	<sup>3</sup> 95 ( dB_ 100Hz-3GHz)
Vertical Resistivity ( $\Omega$ /in <sup>2</sup> )	0.1↓
Surface Resistivity ( $\Omega$ /in <sup>2</sup> )	1.0↓
Plastic Surface Resistivity ( $\Omega$ /in <sup>2</sup> )	0.08 $\Omega$ ↓
Conductive Adhesion (kg/25mm)	0.8 ~ 1.2kg
Application Temperature ( °C )	-10 ~ +120
Flammability	UL 94

LISAT

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