

Description

LISAT EMI Aluminum Tape has a very high strength dead soft foil with conductive pressure sensitive adhesive system build into it. The backing adhesive system feature good "wetting out" capabilities to all surfaces and bond extremely well to low surface energy material and difficult textured surface.

This LISAT EMI Aluminium foil backing works well for EMI/RFI shielding applications. Once bonded, this tape provides a thermally conductive bond that is ideal for heating and cooling efficiency. With high conductivity in the surface direction and thickness direction, this tape can also be used for fastening conductive components, grounding and electro magnetic shielding application.

LISAT, not only produce aluminium tape on roll, it also provides profile die-cut as customer specifications on strips or in pieces (as stickers), it can be with adhesive system or dry.

Tape Structure



Properties

Note : Below technical data and information should be thought as typical or representative only and should not be use for specification purpose.

TYPICAL PROPERTIES OF EMI COPPER TAPE LST-EMI-TAL

PROPERTY	VALUE
LISAT Part-Number	LST-EMI-TAL-XX*
Material	Dead Soft Aluminum Foil
Color	Aluminum Silver
Total Tape Thickness (mm)	0.070 ± 0.005
Conductive Adhesive Thickness (mm)	0.035 ± 0.005
Adhesive Peel Force (Kg/Inch)	≥ 1.0
Releasing Liner	"Glassin" : 0.15 mm
EMI Shielding Efficiency (db)	60 to 90
Thermal Conductivity (X-Y Axis) (W/m-k)	200
Electric Conductivity (Ω/Inch ²)	≤ 0.02
Operating Temperature (°C)	- 10 to +120

XX* = Blank (Non Adhesive) or AC (Adhesive Coated)

LISAT

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