



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Tape AL-36NC

Polyester-Laminated Aluminum Foil with Acrylic Adhesive

Data Sheet

Product Description

3M™ Tape AL-36NC consists of polyester film-laminated aluminum foil and pressure-sensitive acrylic adhesive.

- PET-laminated aluminum foil backing
- Acrylic adhesive
- Supplied on a removable liner for easy handling and die-cutting

Like all 3M shielding tapes, 3M Tape AL-36NC is available in standard and custom widths and lengths. Standard length is 100m.

- Widths from 6mm to 500mm
- Longer lengths up to several times normal length, dependent upon width. Check with 3M Sales Representative.

Applications

3M Tape AL-36NC is typically used for applications requiring non-electrical conductivity from the application substrate to the backing and needing insulation on top of the foil backing. Common uses include grounding and EMI shielding in equipment, components, shielded rooms, etc.

Shielding Effectiveness

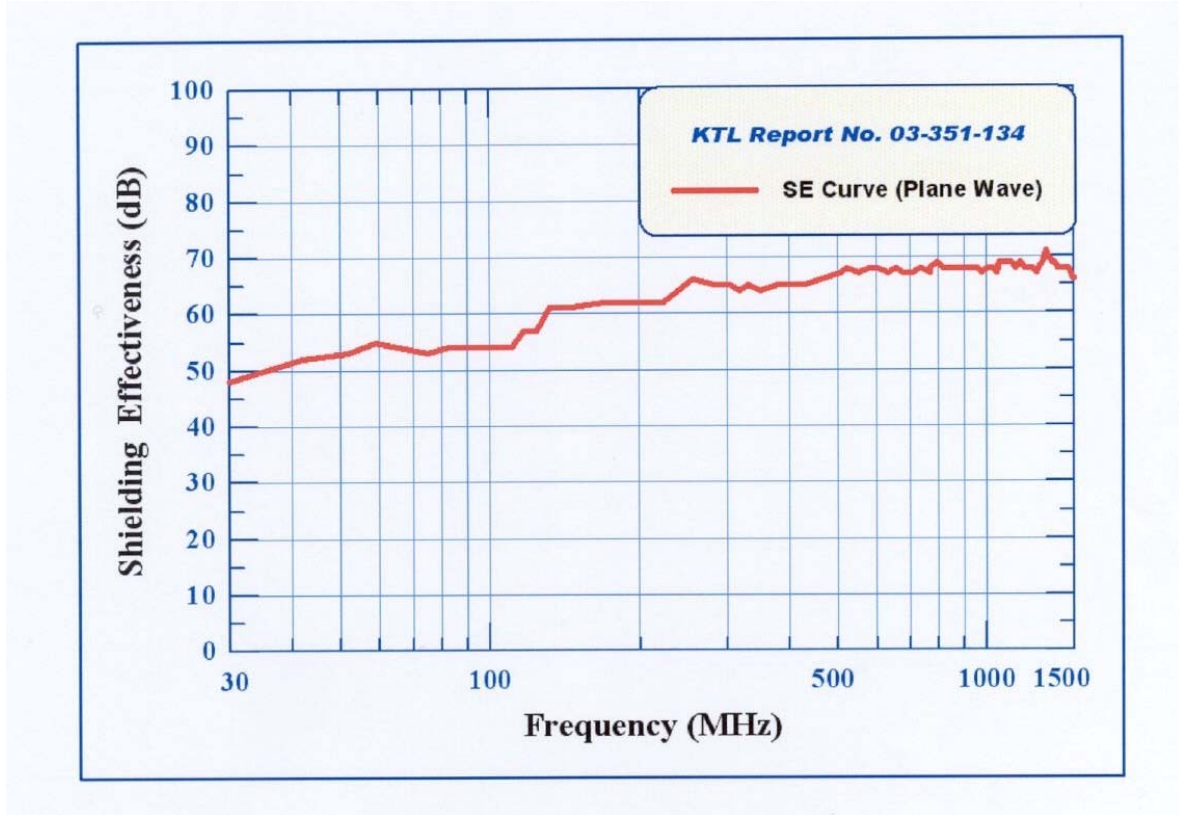
Many factors determine the true shielding effectiveness of a shielding tape, including type and thickness of foil, adhesive type, intimacy of contact, smoothness of application surface, strength and frequency of the EMI signal, etc. However, using standard tests and fixtures, it is possible to determine a value for the attenuation

Typical Properties

Properties	Typical Value
Type of backing	PET-laminated aluminum foil backing
Type of adhesive	Acrylic adhesive
Total thickness (backing plus adhesive)	0.055 ± 0.005 mm
Breaking strength ¹	6.5 kgf/25 mm
Elongation	40%
Adhesion strength ¹	500 g/25 mm
Shielding effectiveness ²	Refer to attenuation chart

* Footnotes:
1. Test method ASTM-D-1000
2. ASTM-D-4935 Test Method

Shielding Effectiveness (Test method: ASTM-D-4935)



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Important Notice

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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