



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Shielding Tape 1115

Aluminum Foil with Conductive Acrylic Adhesive

Data Sheet

Product Description

3M™ Shielding Tape 1115 consists of a 5mil aluminum foil backing and a unique electrically conductive pressure-sensitive acrylic adhesive.

- 5mil aluminum foil backing
- Conductive acrylic adhesive
- Supplied on a removable liner for easy handling and die cutting.

Like all 3M shielding tapes, 3M 1115 is available in standard and custom widths and lengths

- Longer lengths up to several times normal length, dependent upon width. Check with customer service.

Applications

3M Shielding Tape 1115 is typically used for applications requiring excellent electrical conductivity from the application substrate through the adhesive to the foil backing. Common uses include grounding and EMI shielding in equipment.

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. Before using this product, the user must evaluate it and determine if it is suitable for the intended application.

Properties	Typical Value
Backing thickness	5.0 mil (0,125mm)
Total thickness (backing plus adhesive)	7.0 mil (0,177mm)
Breaking strength ¹	55 lb/in (96 N/10mm)
Adhesion to steel ¹	52 oz/in (5,6 N/10mm)
Electrical resistance through adhesive ²	0.005 ohm

* Foot notes:

1. ASTM-D-1000 Test method

2. MIL-STD-202 Method 307 maintained at 5 psi (3,4 N/cm²) measured over 1 in² surface area. Conductive particles in the adhesive provide the electrical path between the application substrate and the foil backing.

3M is a trademark of 3M Company.

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. 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. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability. This product will be free from defects in material and manufacture as of the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**



Electrical Markets Division

6801 River Place Blvd.

Austin, TX 78726-9000

www.3M.com/electrical

Litho in USA

© 3M 2003 78-8126-6190-4-A