



# 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 <sup>1</sup>	55 lb/in (96 N/10mm)
Adhesion to steel <sup>1</sup>	52 oz/in (5,6 N/10mm)
Electrical resistance through adhesive <sup>2</sup>	0.005 ohm

- \* Foot notes:
1. ASTM-D-1000 Test method
  2. MIL-STD-202 Method 307 maintained at 5 psi (3,4 N/cm<sup>2</sup>) measured over 1 in<sup>2</sup> 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](http://www.3M.com/electrical)

Litho in USA

© 3M 2003 78-8126-6190-4-A



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.