



Temflex™ 2155 Rubber Splicing Tape

Data Sheet

Product Description

3M Temflex™ 2155 Rubber Splicing Tape is a conformable self-fusing rubber electrical insulating tape. It is designed for low voltage electrical insulating and moisture sealing applications. Temflex 2155 is Underwriters Laboratories (UL) Listed for use up to 600 volts.

- UL listed, File E129200
- Compatible with solid dielectric cable insulations
- Self-fusing tape
- Flexible over a wide temperature range

Applications (600 volt maximum)

- Bolted connections
- Service drops
- Lightning connections
- Ground rod connections
- Motor leads

Typical Data/Physical Properties

Test Method	Typical Value
Color	Black
Temperature Rating	
UL 510	176°F (80°C)
Thickness	
UL 510	30 mils (0,76 mm)
Fusion	
ASTM D4388, Type I	Pass
Tensile Strength	
UL 510	300 psi (2,07 N/mm ²)
Elongation	
UL 510	700%
Dielectric Breakdown	
UL 510	600 V/mil (23,6 KV/mm)

Note: These are typical values and should not be used for specification purposes.

Specification

The tape must be rubber based and capable of operating at temperatures up to 80°C.

The tape must not split or crack when exposed to normal operating temperatures. The tape must be compatible with synthetic cable and wire insulations. The tape shall not be corrosive to aluminum, or copper conductors.

The tape shall be 30 mils thick and comply with the requirements of UL 510 for rubber insulating tape.

Installation

Temflex 2155 tape should be applied in half-lapped layers until desired insulation build up is reached. Stretch the tape to 3/4 of its original width during application for good conformability and to obtain a moisture tight seal.

Temflex 2155 tape should be overwrapped for mechanical protection with half-tapped layers of either 3M Vinyl Electrical Tape or Temflex 1755 Cotton Friction Tape.

Shelf Life

Temflex 2155 has a three-year shelf life (from date of manufacture) when stored under the following recommended storage conditions. Store behind present stock in a clean, dry place at a temperature of 70°F (21°C) and 40-50% relative humidity. Good stock rotation is recommended.

Availability

Temflex 2155 rubber splicing tape is available from your local 3M authorized distributor in the following roll sizes:

- 3/4 in. x 22 ft. (19 mm x 6,7 m)
- 1 1/2 in. x 22 ft. (38 mm x 6,7 m)

3M and Temflex are trademarks of 3M.

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 for a period of 3 years from the date of manufacture. **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 shelf life 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.**

3M

Electrical Products Division

6801 River Place Blvd.
Austin, TX 78726-9000
800/245-3573
www.3M.com/elpd



*Printed on 50% recycled paper
with 10% post-consumer*

Litho in USA
© 3M 1999 78-8124-5364-1-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

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