



Temflex™ Friction Tape 1755

Data Sheet

November 2009

Description 3M™ Temflex™ Friction Tape 1755 is a high-grade, black friction tape designed to provide mechanical protection against abrasion and cut-through for cable, wire splices and connections insulated with rubber electrical tape.

The 13-mil thick tape is composed of a high-quality cotton fabric, coated on both sides with an electrical-grade, solvent-free, rubber adhesive. 1755 Tape has high break strength and low stretch, making it ideal as a heavy-duty binding and harnessing tape.

Agency Approvals & Self Certifications RoHS 2002/95/EC 

RoHS Compliant 2002/95/EC* means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2002/618/EC, unless the substance is in an application that is exempt under RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

Applications Provide abrasion and cut-through protection on wire and cable splices
Provide mechanical protection for rubber electrical tape
Provide bundling, binding and spot holding on wire harnesses
Provide protection on sharp edges, to prevent scratching or cut through.

Typical Properties Not for specifications. Values are typical, not to be considered minimum or maximum.
Properties measured at room temperature 73F (~23°C) unless otherwise stated.

Property (Test Method)	Typical Value
Color	Black
Adhesive	Rubber coated both sides
Thickness	13 mil (0.33 mm)
Tensile Strength (ASTM D 1000)	48 lbf/inch (210 N/25 mm)
Adhesion to Backing (ASTM D 1000)	40 oz/inch (1.1 Kg/25 mm)

Specifications The tape shall consist of a woven cotton fabric with rubber adhesive insulating compound. The tape shall be evenly wound and free of defects such as dirt, knots, lumps and irregularities. The tape shall be 13 mils thick.

Shelf Life & Storage This product has a 2-year shelf life from date of manufacture when stored in a humidity controlled storage (50 to 80F (10 to 27°C) and <75% relative humidity).

Availability Contact your local distributor. Available from 3M.com/electrical [Where to Buy] or call 1-800-676-8381.



3M™ Temflex™ Friction Tape 1755

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 at the time 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 indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.

3M and Temflex are trademarks of 3M Company.

**Electrical Markets Division**

6801 River Place Blvd.
Austin, TX 78726-9000
800 676 8381
FAX: 800 828 9329
www.3M.com/electrical

Please recycle
© 3M 2009 All rights reserved
78-8125-9450-1 B