



# 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.



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