



# Electrical Tape 1558T

## Insulation Cloth Tape

Data Sheet

February 2011

**Description**

3M™ Electrical Tape 1558T is a single coated black insulation cloth tape with pressure sensitive acrylic adhesive.

**Agency Approvals & Self Certifications**

**MSDS:** 3M has not prepared a MSDS for the products which are not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R.

**TSCA:** The product are defined as articles under the Toxic Substances Control Act and therefore, are exempt from inventory listing requirements.

**Applications**

3M™ 1558T tape is especially suitable for applications such as wire harness wrapping and fastening, laptop wire insulation, projection TV screen holding where both abrasion resistance and insulation are required. The low thickness design could make room saving feasible in electronic marketing.

**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) (ASTM D1000 unless noted)	Typical Value US units (metric)
Backing	Black Cloth
Adhesive	Acrylic
Thickness	0.11 mm
Breaking Strength	160N/10mm
Elongation (% at break)	35
Temperature rating	105 °C
Adhesion to Steel	7.5N/10mm
Dielectric Breakdown	1600 V

**Specifications**

The tape is a halogen free, black PET film with acrylic pressure-sensitive adhesive. The tape shall be double coated with pressure-sensitive adhesive, which shall not required heat, moisture or other preparation prior to or subsequent to application. The adhesive coating shall be smooth and uniform and be free of lumps and bare spots. There shall be no separator between adjacent layers of the roll. The tape shall perform at a temperature of 130°C without loss of physical or electrical properties.

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**Shelf Life & Storage**

This product has a 1-year shelf life from date of manufacture when stored in original cartons at 70° (21°C) and 50% relative humidity.

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**Availability**

Please contact your local distributor; available from [3M.com/electrical](http://3M.com/electrical) [Where to Buy] or call 86-21-62753535.

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**Electrical Markets Division**

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