



**Technical Information Sheet**  
**Product Number 9964**  
**3M™ Polyester Diagnostic Tape**

Effective: February 2005  
 Supersedes: May 14, 2004



**Product Description:**

3M™ #9964 Polyester Diagnostic Tape consists of a clear polyester film coated on one side with a pressure sensitive acrylate adhesive and supplied on a clear silicone coated polyester release liner. Tape is provided on 6” cardboard cores with the release liner side “IN”.

**Composition:**

Tape Layer	Description	Caliper
Backing	Clear polyester film	2.0 mils (0.051 mm) typical
Adhesive	Pressure sensitive acrylate	0.5 mils (0.013 mm) typical
Release Liner	Silicone coated polyester film	2.0 mils (0.051 mm) typical

**Product Properties<sup>1</sup>:**

Adhesion to Steel <sup>2</sup> (Reference: ASTM D3330M, 180° Adhesion Test)	Minimum 15 oz/in (425 g/25 mm)
Liner Release <sup>2</sup> (Reference: 3M TS-239 or TS-2059, 180° Liner Release Test)	Maximum 20 g/in (20 g/25 mm)
Tape Caliper (without release liner) <sup>2</sup> (Reference: 3M TS-303, Caliper of Materials )	2.5 ± 0.3 mils (0.06 ± 0.008 mm)

<sup>1</sup> Properties listed based on limited data and subject to change.

<sup>2</sup> Lot specific results may be included on a Certificate of Analysis upon request at time of order.

**Product Dimensions:**

Roll Width	Maximum 48 in (122 cm) ± 1/16 in (1.6 mm)
Roll Length	Maximum 350 yd (320 m) ± 2%
Splice Frequency	Maximum 2 per 350 yard (320 m) roll. (Intended for continuous processing)
NOTE:	Product supplied on 6-inch (15.2 cm) diameter cardboard cores with liner wound “IN”.

**Recommended Storage Conditions & Shelf Life:**

Product as supplied in original packaging will maintain stated test properties for a period of two years from date stamped on shipping container when stored at a temperature between 50-80°F (10-27°C) and a relative humidity between 40-60 percent.

**Please see reverse side for important product, safety and warranty information.**

**Product and Safety Information:** User is solely responsible for determining the suitability of 3M samples and products for the intended use including any necessary safety or toxicity assessment. 3M will provide Material Safety Data Sheets and results of toxicity testing upon request. In every case before using any product in full scale production users should conduct their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions.

**Notice:** Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendations to practice any invention covered by any patent, without authority from the owners of this patent.

#### **Warranty Information**

All statements, technical information and recommendations herein are based on tests 3M believes to be reliable, but the accuracy or completeness thereof is not guaranteed. 3M warrants only that products will meet 3M's specifications at the time of shipment to the customer. 3M does not offer any other warranty and does not warrant the performance, safety or such other characteristics of Products in combination with other materials. 3M specifically DOES NOT warrant Products for any intended or unintended uses (whether or not foreseeable); for compatibility or suitability with other components or compatibility with any methods of manufacture or conversion. The foregoing warranty is made in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability, fitness for a particular purpose and freedom from non-infringement.

**Limitation of Remedies:** If products are proven not to meet 3M's specifications, the sole and exclusive remedy available and 3M's only obligation shall be, at 3M's option, to replace such quantity of Products which are proven out of specification or to refund the purchase price paid for Products.

**Limitations of Liabilities:** The remedies provided herein are exclusive remedies against 3M for any alleged or actual nonconformance to specifications or defect or other failure in products or for 3M's performance of its supply obligations. Under no circumstances is 3M liable for any direct, indirect, incidental, special or consequential damages (including lost profits) in any way related to the product under any theory of law including, but not limited to, negligence and strict liability.

## **Ordering Information**

Call us at Customer Service to place an order: 800-742-1994 (U.S.).

To have a sales representative contact you, to request samples or clinical and safety summaries, please contact us at 3M HELPLINE 800-228-3957 (U.S.) or 651-604-5599 (International).

For international inquiries, please contact your local country representative; our 3M Medical Specialties subsidiary contacts are listed below.

Visit our web site: [www.3M.com/medicalspecialties](http://www.3M.com/medicalspecialties) for product and services information, news about conferences we will be attending, new product highlights or to make a direct inquiry.

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