



Technical Information Sheet

Product Number 9792R

3M™ Aluminum Tape for Diagnostic and Bioanalytical Constructions

Effective: May 2010

Supersedes all previous specifications.

Product Description:

3M™ Aluminum Diagnostic Tape 9792R consists of a “dead soft” aluminum foil for high conformability coated on one side with a pressure sensitive acrylate adhesive. The tape is supplied on a brown silicone coated paper release liner. Liner wound “IN”.

Applications:

- Bioanalytical devices
- Microplate Seals

Features and Benefits:

- Highly Conformable
- Low level of extractables in a variety of solvents
- Pierceable
- Adheres well to a wide range of substrate
- Suitable for use between -70°C and 100°C (-94°F and 212°F)

Composition:

Backing	Aluminum Foil	1.4 mils (0.04 mm) typical
Adhesive	Pressure sensitive acrylate, neutral	1.1 mils (0.03 mm) typical
Release Liner	61# Brown Kraft Paper, one-side silicone coated	4.6 mils (0.12 mm) typical

Typical Product Properties¹:

Adhesion to Steel²	35 oz/in [1.1 kg/25 mm] [9.7 N/25 mm]
Liner Release²	10 g/in [10 gms/25 mm] [0.1 N/25 mm]
Solvent Extractables (Reference: GC/MS)	DMSO: None detected above background (typical) 80% Ethanol/20% Water: 5 µg/ml hydrocarbon acrylate esters (typical) 630 µg/ml antioxidant (typical)

¹ 3M test methods are available upon request.

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

Product Dimensions: Product supplied on 3-inch (76 mm) white plastic cores.

Roll Length, Maximum	500 yd (457 m) ± 2%
Roll Width, Maximum	42 in (106.7 cm) ± 1/16 in (1.6 mm)

Splice Frequency: Intended for continuous processing.

Please contact your 3M Medical Specialties Account Representative for information on splice-free rolls.	Roll Length:	Maximum # of Splices:
	1 to 100 yd (0.9 to 91 m)	2
	101 to 200 yd (92 to 183 m)	3
	201 to 400 yd (184 to 366 m)	5
	401 to 500 yd (367 to 457 m)	7

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 temperatures of 50-80°F (10-27°C) and relative humidity of 40-60 percent.

Please see last page 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.). Visit our website: 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.

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 for international inquiries, please contact your local country representative. Our 3M Medical Specialties subsidiary contacts are listed below.

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