



Technical information sheet

Solventum™ Microfluidic Diagnostic Tape 9792R

Effective: May 2010

Supersedes all previous information sheets

Product Description

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

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

Please note -The following technical information should be considered representative or typical only and should not be used for specification purposes.

Typical 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)

¹Test methods are available upon request.

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

Roll description: Tape supplied on 3 inch (76 mm) diameter cores

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

Splices: Splices on the tape are intended for continuous processing

Roll length	Maximum number of splices per roll
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
Please contact your Solventum Medical Surgical Account Representative for information on splice-free rolls.	

Recommended storage & preliminary rollstock shelf life

Product as supplied by Solventum in original packaging will maintain stated properties for a period of two (2) years from date stamped on shipping container when stored at temperatures of 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 Solventum samples and products for the intended use including any necessary safety or toxicity assessment. Solventum will provide Material Safety Data Sheets or equivalent and summary results of biocompatibility 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.

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

Visit our website: go.Solventum.com/MedTechOEM 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 Solventum Helpline 800-742-1994 (U.S.) or for international inquiries, please contact your local country representative.



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