



Technical information sheet

Solventum™ Microfluidic Diagnostic Film 9962

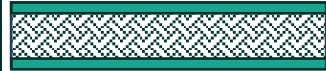
Product description:

Microfluidic Diagnostic Film 9962 consists of a clear polyester film on a roll coated on two sides with a Solventum hydrophilic technology. The hydrophilic treatment is the same on both sides of the film. The product is designed for use in health care medical devices such as test strip and lab-on-a-chip applications.

Features and benefits

- Hydrophilic
- Transparent
- Non-hemolytic
- Low autofluorescence
- Non-toxic to mammalian cells
- No significant outgassing < 400 °C
- Dimensionally stable
- Anti-fogging properties

Composition

	3.9 ± 0.15 mils (0.09 ± 0.00381 mm) Transparent polyester with Solventum proprietary hydrophilic treatment, both sides
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Product properties

Wet index	Minimum 36
Light transmission	92% at 700 nm; 85% at 400 nm (typical)
Heat shrinkage	Maximum - 1.1% - MD & CD [150 °C for 15 minutes]
Break strength (tensile)	Minimum - 85 lb/in (38.6 kg/25.4 mm) (378.1 N/25.4 mm) - MD Minimum - 103.7 lb/in (47.0 kg/25.4 mm) (461.3 N/25.4 mm) - CD
Break elongation	Minimum - 90% - MD; 60% - CD
Autofluorescence	Minimal at emissions: 400-800 nm / excitations: >400 nm

Roll description

Roll length	Maximum 1600 yd (1463 m) ± 2%
Roll width	Minimum 2 in (51 mm); maximum 49.0 in (124.5 cm) ± 0.125 in (3.2 mm)
Splices per roll	Maximum 1 every 500 yd (457 m); up to 4 per 1600 yd (1463 m)

Note: Core options are fiber or plastic 3-in (76 mm) and 6-in (152 mm) diameter. Core material and diameter must be specified in special instructions of order set.

Recommended storage conditions & shelf life

Product as supplied in original packaging will maintain stated properties for a period of 14 months from date of manufacture when stored at room temperature 68-77 °F (20-25 °C). When not in use, keep product wrapped in moisture impervious barrier to avoid excessive heat and humidity.

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.

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Warranty information

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Ordering information

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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