

Solutions for
microfluidic
devices

Trusted
Innovative Global

Introducing 3M™ 9984 Surfactant-Free Fluid Transport Film Our Next Generation Fluid Transport Technology

Reduce test bias in your biosensor

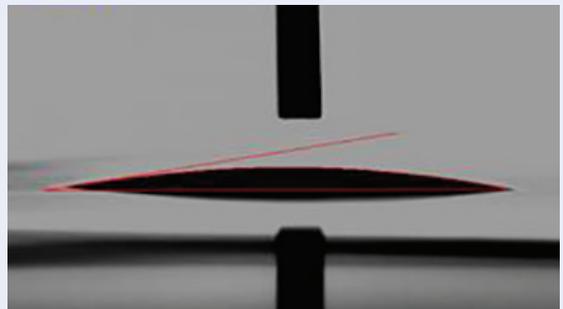
3M™ 9984 Surfactant-Free Fluid Transport Film is a chemically inert solution for the transport of fluids through a microfluidic device. Leveraging voice of market, voice of customer, 9984 was engineered with a surfactant-free, hydrophilic coating technology to provide a non-leaching, insoluble surface in the flow of sample fluids to their test sites. Whereby surfactant-based films may dilute or interfere with fluid analysis, 9984 reduces the potential for bias.

Simplify manufacturing and inventory logistics

Supplied one-side coated on a clear polyester film, 9984 Surfactant-Free Fluid Transport Film does not require a protective pre-mask, promoting ease and flexibility in the design and manufacture of your device. In addition, its long shelf life improves inventory constraints.

Balance of component performance and design

9984 Surfactant-Free Fluid Transport Film balances high wetting of sample fluids with aggressive adhesive bonding to enable a more robust layered construction of your device. Its optically clear feature offers visual viewing for process monitoring or end test.



3M Hydrophilic Films

Go to 3M Product	Hydrophilic Technology	1-Side or 2-Sides Coated	Thickness	Product Properties:				Go To Applications
				Contact Angle	Wet Index	Shelf Life	Base Film	
9984 Surfactant-Free Fluid Transport Film	Surfactant-Free	1-Side without Pre-Mask	3.9 mils (99 microns)	< 20	NA	18 months ¹	PET	Biosensors, Test Strips, Lab-on-a-Chip
9962 Hydrophilic Film	Surfactant-Based	2-Sides Coated Only	3.9 mils (99 microns)	NA	> 36	14 months	PET only	Biosensors, Test Strips
9960 Hydrophilic Film	Surfactant-Based	2-Sides Coated Only	6.8 mils (173 microns)	NA	> 36	14 months	PET only	Biosensors, Test Strips

¹. At time of publication.

Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.

For more information on how 3M may support your Microfluidic Device needs, please contact your 3M Medical Specialties Regional Sales Director or call **1-800-584-2787** or visit us at: www.3M.com/medicalspecialties

3M Medical Specialties... a wide range of applications—tried, tested and trusted worldwide.

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.



Medical Specialties

3M Center, Building 275-5W-05
2510 Conway Avenue
St. Paul, MN 55144
USA
1-800-228-3957
www.3M.com/medicalspecialties

© 3M 2014. All rights reserved.

70-2011-5498-9

