

Solutions for
microfluidic
devices

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

Reduce test bias in your biosensor

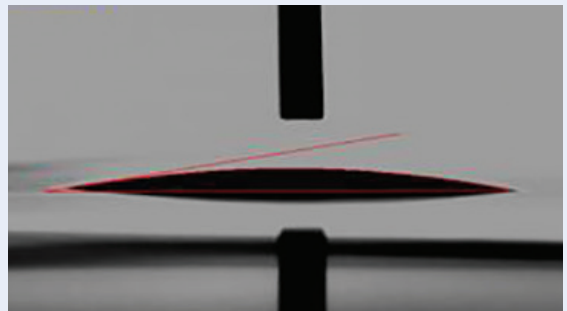
3M™ 9984 Surfactant-Free Fluid Transport Film is a chemically inert solution for the transport of fluids through a microfluidic device. Leveraging voice of market, voice of customer, 9984 was engineered with a surfactant-free, hydrophilic coating technology to provide a non-leaching, insoluble surface 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.

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70-2011-5498-9

