

Technical Information Sheet Product Number 9960 3MTM Anti-Fog Hydrophilic Film

Effective Date: March 2008

Supersedes all previous information sheets

Product Description:

3MTM #9960 Anti-Fog Hydrophilic Film consists of an optically clear hydrophilic-treated polyester film. The hydrophilic, anti-fog treatment is the same on both sides of the film.

Features and Benefits:

- Optically Clear
- Dimensionally Stable

- Non-leaching hydrophilic treatment for antifogging & lateral fluid transport

Composition:

Film	6	6.8 ± 0.25 mils (0.17 ± 0.01 mm) Transparent Polyester with 3M
	I	Proprietary Hydrophilic Treatment, both sides

Product Properties¹:

Fogging Properties	None at 90°C (195°F)	
Light Transmission	90.2% at 700 nm; 83.0% at 400 nm (typical)	
Ducals Stuanath	Minimum - 166.0 lb/in (75.3 Kg/25 mm) (738 N/25 mm) - MD	
Break Strength	Minimum - 164.0 lb/in (74.4 Kg/25 mm) (730 N/25 mm) - CD	
Break Elongation, %	Minimum - 70% - Machine Direction; 47% - Cross Direction	
Heat Shrinkage	Maximum - 1.3% - MD & CD [150°C for 15 minutes]	

¹ Most 3M test methods are available upon request.

Roll Description:

Roll Length	Maximum 1600 yd (1463 m) ± 2%
Roll Width	Minimum 2 in (51 mm); Maximum 49.0 in (125 mm) ± 1/8 in (3.2 mm)
Culiage non	Maximum 1 per every 500 yd (457 m); up to 4 per 1600 yd (1463 m)
Splices per Roll	*There may be scratches on the film within 5 yards (4.5 m) of the splice that is compensated with extra material at end of roll.

Note: Product can be supplied on 3in.(76 mm) or 6in.(152 mm) cores. Please specify at time of order.

Storage Conditions/Shelf Life

Product as supplied in original packaging will maintain stated test properties for a period of one year from date stamped on shipping container when stored at a temperature between 50-80°F (10-27°C) and a relative humidity between 40-60 percent. **The product must stay wrapped with a moisture impervious barrier at all times.**

Please see reverse side for important product, safety & 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.

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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.

International Locations								
Argentina 3M Argentina S.A.C.I.F.I.A. Tel.: 54-11-4339-2400 Fax: 54-11-4339-2640	Dominican Republic 3M Dominicana Tel: (809) 530-6560 X499 Fax: (809) 530-2960	Kazakhstan 3M Representation Office Tel: +7 3272 509 944 Fax: +7 3272 509 573	Poland 3M Poland Sp.z o.o. Tel: (48 22) 739 60 00 Fax: (48 22) 739 60 01	Thailand 3M Thailand Ltd. Tel: (66)2 260 8577 Ext.175 Fax: (66)2 261 7535				
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Brazil 3M DO Brasil Ltda. Tel: 55-19-864-7171 Fax: 55-19-864-7848	Germany 3M Medica Tel: 49 2131 14 40 00 Fax: 49 2131 14 49 99	Mexico 3M México, S.A. de C.V. Tel: +52-55-5270-0400 Fax: +52-55-5270-0433	Singapore 3M Technologies (S) Pte. Ltd. Tel: 65-6450-8866 Fax: 65-6455-2130	Ukraine 3M Ukraine Tel: +380 44 490 57 77 Fax: +380 44 490 57 75				
Canada 3M Canada Tel: 800 364-3577 Fax: 800 341-4630	Hong Kong 3M Hong Kong Ltd. Tel: (852) 2806 6111 Fax: (852) 2234 6044	Middle East 3M Gulf Ltd. Tel: 971-4-3670-777 Fax: 971-4-3670-699	Sri Lanka 3M Lanka (Pvt.) Ltd. Tel: (94) 11 2785701 Fax: (94) 11 4410083-4	United Kingdom & Ireland 3M Health Care Ltd. Tel: 44-1509-611-611 Fax: 44-1509-237-288				
Chile	Hungary	The Netherlands	Spain	Venezuela				

3M Chile S.A. Tel: (56-2) 4103000 Fax: (56-2) 4103400

China 3M China Ltd. Tel: 86-21-6275-3535 Fax: 86-21-5208-2205

Colombia 3M Colombia S.A. Tel: 57-1 4108585 Fax: 57-1 4161677

Czech Republic 3M Cesko s.r.o. Tel: +420-261 380 111 Fax: +420-261 380 110

Denmark 3M a/sTel: 45-43-48-0100 Fax: 45-43-96-8596 Fax: +91-80-22231431 Indonesia PT 3M Indonesia Tel: (62-21) 520 3401 Fax: (62-21) 520 3106

Tel: +91-80-2223 1414

India

3M India Ltd.

3M Hungária Kft.

Tel: (36-1) 270-7777

Fax: (36-1) 320-0951

3M Italia SPA Tel: +39 2 7035-2406 Fax: +39 2 7035-2484

3M Health Care Ltd. Tel: 81-3-3709-8289 Fax: 81-3-3709-8754 Fax: 31-715-450-212 New Zealand 3M New Zealand Tel: 64-9-444 4760 Fax: 64-9-443 7885

3M Nederland B.V.

Tel: 31-715-450-450

Pern 3M Peru S.A. Tel: 511-224-2728 Fax: 511-224-3171

Philippines 3M Philippines Tel: (632) 8133781 to 95 Fax: (632) 8145873 to 74

Spain 3M España, S.A. Tel: 34-91-321-6000 Fax: 34-91-321-6002

Sweden 3M Svenska AB Tel: +46-8-92 21 00 Fax: +46-8-92 24 22

Switzerland & Eastern Europe

3M (Schweiz) AG Tel: +41 44 724 92 44 Fax: +41 44 724 94 80



3M Medical Specialties 3M Center, Building 275-5W-05 St. Paul. MN 55144-1000 USA Tel.: 800 228-3957



3M Manufacturera Venezuela

Tel: 58-241-8391911

Fax: 58-241-8391928

3M Viet Nam Ltd.

Tel: 84 8 640986

Fax: 84 8 641024

Viet Nam