

3M™ Printable Fabric 9100

Quick Links

[3M Graphics Warranties](#)
[Technical Information Selector](#)
[Safety Data Sheets \(SDS\)](#)
[Videos](#)

Some of these links lead to web-based resources that are not product-specific.

General Questions

1. What is 3M™ Printable Fabric 9100?

3M™ Printable Fabric 9100 is a white polyester woven fabric that can be digitally printed on and is designed for outdoor and indoor durable applications.

2. Why should I use 3M™ Printable Fabric 9100?

- 3M™ Printable Fabric 9100 is a long term fabric solution and is eligible for the 3M™ MCS™ Warranty. It is optimized for use with
 - EFI™ VUTEK® GS3250LXr, GS5250LXr, and GS5500LXr Pro Printers using EFI™ VUTEK® GSLXr 3M™ Superflex UV Ink
 - EFI™ VUTEK® GSr 3250/5000 Pro Printers using EFI™ VUTEK® GSr 3M™ Premium UV Ink
 - EFI™ VUTEK® GS 2000/3200/3250 Pro Printers using EFI™ VUTEK® GS 3M™ Premium UV Ink

The fabric is designed for ink adhesion, dirt and water resistance.

3. How much does 3M™ Printable Fabric 9100 weigh?

The base fabric weighs 7.5 oz per sq yd.

4. What colors are available?

Currently 3M™ Printable Fabric 9100 is only available in white.

5. Where can I buy 3M™ Printable Fabric 9100?

3M™ Printable Fabric 9100 is available through your 3M authorized distributor.

6. How do I order samples of 3M™ Printable Fabric 9100?

You can order a sample roll at www.3Mgraphics.com/samples or by contacting your 3M authorized distributor.

7. What sizes are available for 3M™ Printable Fabric 9100?

Fabric rolls are available in 60" X 50 yards, 120"X 50 yards.

8. Is 3M™ Printable Fabric 9100 waterproof?

3M™ Printable Fabric 9100 is designed to be water resistant.

Finishing

1. Can I sew 3M™ Printable Fabric 9100?

Yes, you can sew 3M™ Printable Fabric 9100. We recommend using a ball point needle with outdoor durable thread.

2. Can I use a hot knife to cut 3M™ Printable Fabric 9100?

Yes. We recommend cutting the fabric with the graphic facing down to avoid minor discoloration that can be caused by the hot knife.

Printing

1. Can I print on 3M™ Printable Fabric 9100?

Yes. 3M™ Printable Fabric 9100 is optimized for use with:

- EFI™ VUTEK® GS3250LXr, GS5250LXr, and GS5500LXr Pro Printers using EFI™ VUTEK® GSLXr 3M™ Superflex UV Ink
- EFI™ VUTEK® GSr 3250/5000 Pro Printers using EFI™ VUTEK® GSr 3M™ Premium UV Ink
- EFI™ VUTEK® GS 2000/3200/3250 Pro Printers using EFI™ VUTEK® GS 3M™ Premium UV Ink

2. Which side of the fabric can I print on?

You can print on both sides of 3M™ Printable Fabric 9100. 3M recommends printing on the inside of the roll for better ink adhesion.

3. Where can I get color profiles for my printer?

Color profiles can be found at: http://solutions.3m.com/wps/portal/3M/en_US/Graphics/3Mgraphics/ToolsAndSupport/

4. Which inks can I use to print on 3M™ Printable Fabric 9100?

Currently 3M™ Printable Fabric 9100 is optimized for EFI™ VUTEK® GSLXr 3M™ Superflex UV Ink, EFI™ VUTEK® GSr 3M™ Premium UV Ink, and EFI™ VUTEK® GS 3M™ Premium UV Ink.

5. Which printers can I use to print on 3M™ Printable Fabric 9100?

Currently 3M™ Printable Fabric 9100 is optimized for EFI™ VUTEK® GS3250LXr, GS5250LXr, and GS5500LXr Pro Printers, GSr 3250/5000 Pro Printers, and GS 2000/3200/3250 Pro Printers.

6. Can I use any other inks or printers?

Currently, 3M™ Printable Fabric 9100 is only optimized for:

- EFI™ VUTEK® GS3250LXr, GS5250LXr, and GS5500LXr Pro Printers using EFI™ VUTEK® GSLXr 3M™ Superflex UV Ink
- EFI™ VUTEK® GSr 3250/5000 Pro Printers using EFI™ VUTEK® GSr 3M™ Premium UV Ink
- EFI™ VUTEK® GS 2000/3200/3250 Pro Printers using EFI™ VUTEK® GS 3M™ Premium UV Ink

In the future, 3M anticipates continuing to optimize our fabric solutions for other 3M™ MCS™ Warranty eligible inks.

Warranty

1. Does 3M offer any warranties for 3M™ Printable Fabric 9100?

Yes. When any of the inks listed above, 3M™ Scotchcal™ Ultra-Matte Overlaminates 9025UM, and 3M™ Printable Fabric 9100 are used to create a finished graphic and the graphics manufacturer has a 3M™ MCS™ Warranty Certificate, the finished graphic may be eligible for the 3M™ MCS™ Warranty. See [3M Product Bulletin 9100](#) for more information.

Cleaning

1. How often should I clean my fabric graphic material?

Signs and awnings should be cleaned at least twice a year. Cleaning is easy and it helps maintain bright colors and the overall appearance so your awning or sign facing looks good for many years. Dirt and dust accumulates slowly on signs and the day-to-day change may not be noticed. However, the change in color, visual appearance, and the loss of sign brightness from this accumulation can become significant in a relatively short time. Contaminants may also cause premature wear and staining of the product. Signs and awnings located in areas with heavy atmospheric pollution such as in dense industrial areas, or areas of heavy pollen and insects, may require cleaning at least four times a year.

2. How should I clean my fabric graphic material?

Simple dirt can be removed by washing the affected area with a mild soap and water solution. The cleaner must be wet, non-abrasive, without strong solvents, and have a pH value between 3 and 11 (neither strongly acidic nor strongly alkaline).

3. Can I use a pressure washer to clean my fabric graphic material?

No. 3M does not recommend or warrant pressure washing 3M™ Printable Fabric 9100. The abrasive effects of this type of washing may damage the graphic image.

4. Is 3M™ Printable Fabric 9100 resistant to mold and mildew?

The polyester fabric does not support the growth of mold and mildew. However, without regular cleanings, mold and mildew will try to grow on the dirt and debris that accumulates on the fabric over time. Wash your fabric with a solution of 1/2 cup of household bleach in a gallon of water should you discover any mold or mildew. Rinse thoroughly and allow to air dry.

Application

1. What are the typical applications for 3M™ Printable Fabric 9100?

Typical applications for 3M™ Printable Fabric 9100 include awnings, hunting blinds, boat covers, bimini tops, car covers, pole signs, umbrellas and long term retail.

Packaging and Shipping

1. How should I ship printed fabric?

We recommend shipping the printed fabric on a 6" core with the printed laminated side out.

Graphic Protection

1. How should I laminate graphic protection film to 3M™ Printable Fabric 9100?

Generally, heating the fabric or laminate is required to allow the adhesive to flow into the fabric fibers. Without this penetration the graphic protection film will not develop sufficient adhesion to the fabric. Use of a lamination process that applies heat to the fabric and the vinyl laminate is preferred. Applying too much heat directly to the laminate may cause the laminate to stretch putting unwanted tension in the fabric that may distort the fabric weave and prevent the laminated fabric from lying flat. It is recommended that heat be applied to the fabric allowing the heated fabric to heat the laminate film and adhesive.

2. What graphic protection should I use with 3M™ Printable Fabric 9100?

To be eligible for the 3M™ MCS™ Warranty, use 3M™ Scotchcal™ Ultra-Matte Overlamine 9025UM.

3. Do I have to use graphic protection with 3M™ Printable Fabric 9100?

Use of 3M™ Scotchcal™ Ultra-Matte Overlamine 9025UM is required in order to be eligible for the 3M™ MCS™ Warranty.

Flammability

1. Is 3M™ Printable Fabric 9100 flame retardant?

3M™ Printable Fabric 9100 meets NFPA 701- TM 1 & 2, California Title 19-8, Cal State Fire Marshal & City of LA Certification*.

* Flammability testing, data, and claims relate only to unprinted and unprocessed product. Any processing, including printing and overlaminating may change flame resistance.

For additional information please see [3M Product Bulletin 9100](#) and [3M Product Bulletin 9025](#) at www.3Mgraphics.com/TechInfo.

Frequently Asked Questions

Disclaimer

The information contained and techniques described herein are believed to be reliable, but 3M makes no warranties, express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose.

Limitation of Liability

Except where prohibited by law, 3M SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE TO PURCHASER OR USER FOR ANY DIRECT (EXCEPT FOR THE LIMITED REMEDY PROVIDED IN THE 3M GRAPHICS WARRANTIES BULLETIN), INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LABOR, NON-3M MATERIAL CHARGES, LOSS OF PROFITS, REVENUE, BUSINESS, OPPORTUNITY, OR GOODWILL) RESULTING FROM OR IN ANY WAY RELATED TO 3M'S GRAPHICS PRODUCTS, SERVICES, or THIS BULLETIN. This limitation of liability applies regardless of the legal or equitable theory under which such losses or damages are sought.

Bulletin Change Summary

For the most current 3M Technical Information available to successfully use this product, please view this Bulletin electronically and click on the blue underlined links to view the relevant documents. Please read the entire Bulletin thoroughly.

Release B MAY-2016:

- Added EFI™ VUTEK® GSr 3250/5000 Pro Printers using EFI™ VUTEK® GSr 3M™ Premium UV Ink and EFI™ VUTEK® GS 2000/3200/3250 Pro Printers using EFI™ VUTEK® GS 3M™ Premium UV Ink as compatible and eligible for the 3M™ MCS™ Warranty.

3M Commercial Solutions

3M Center
Building 220-12E-04
St. Paul, MN 55144-1000
1-800-328-3908
Fax 651-736-4233
www.3M.com/graphics

3M Canada

PO Box 5757
London, ON N6A 4T1
1-800-265-1840
Fax 519-452-6245

3M México S.A. de C.V.

Av. Santa Fe No. 55
Col. Santa Fe, Del. Alvaro Obregón
México D.F. 01210
General 5255-5270-0400
Fax 5255-5270-2277

3M Puerto Rico, Inc.

350 Chardon Avenue
Suite 1100
San Juan, PR 00918
General 787-620-3000
Fax 787-620-3018

3M, Scotchcal, and MCS are trademarks of 3M. EFI and VUTEK are trademarks of EFI, Inc. All other trademarks are the property of their respective owners.

