

## 8548G Gloss Wrap Overlamine

## 8549L Luster Wrap Overlamine

## 8550M Matte Wrap Overlamine

### Product Description

- Suitable for application surfaces that are flat, flat with rivets, corrugated, simple curves, compound curves, or deep channels and concave surfaces.
- Gloss, Luster and Matte high performance non-PVC
- Excellent conformability and lifting resistance
- 8550M provides a UL 410 slip resistant surface for floor graphics
- Good scratch resistance
- Excellent UV protection
- Long-term vertical durability
- Horizontal warranty
- Expected performance life of 9 years (unwarranted period applied to a flat, vertical, outdoor surface)

### Recommended Types of Graphics and End Uses

- **8548G/8549L/8550M:** For inkjet printed films
  - [3M™ Controltac™ Graphic Film with Comply™ v3 Adhesive IJ180Cv3](#)
  - [3M™ Controltac™ Graphic Film with Comply™ Adhesive IJ180C](#)
  - [3M™ Controltac™ Graphic Film IJ180-10](#)
  - [3M™ Print Wrap Film IJ180mC-10/IJ180mC-114/IJ180mC-120](#)
  - [3M™ Envision™ Print Wrap Film LX480mC](#)
  - [3M™ Envision™ Print Wrap Film SV480mC](#)
  - [3M™ Controltac™ Wrap Film with Comply™ v3 Adhesive IJ380Cv3](#)
  - [3M™ Scotchcal™ Graphic Film with Comply™ v3 Adhesive IJ170Cv3](#)
  - [3M™ Print Wrap Film IJ175Cv3](#)
  - [3M™ Scotchlite™ Print Wrap Film 780mC-10R](#)
- Fleet
- Vehicle Wraps
- Watercraft
- Transit
- Labels
- Thermoformable
- Signage
- Awning
- Smooth Walls/Textured Walls and Surfaces
  - 8550M is an excellent rough wall material that helps reduce gloss banding that can form when using other rough wall films.
- Windows and Glass
- Floor graphics (**8550M only**)

**NOTE:** 8550M has been tested according to the UL 410 standard, and has been certified as slip-resistant for use on floor graphics.

#### Quick Links

- [3M Graphics Warranties](#)
- [Technical Information Selector](#)
- [Safety Data Sheets \(SDS\)](#)
- [Flammability \(ASTM E84 Reports\)](#)
- [Videos](#)

## Characteristics

These are typical values for unprocessed product. Processing may change the values.

## Performance Characteristics

Characteristic	Value
<b>Material</b>	Non-PVC
<b>Thickness</b>	2 mils
<b>Gloss</b>	<b>8548G:</b> Gloss <b>8549L:</b> Luster <b>8550M:</b> Matte
<b>Liner</b>	<b>8548G:</b> Polyester <b>8549L/8550M:</b> Kraft paper
<b>Lamination Temperature</b>	50 to 100 °F (10 to +38 °C)
<b>In Use Temperature Range</b>	-65 to +200 °F (-54 to +93°C) (not for extended periods of time at the extremes)
<b>Chemical Resistance</b>	<ul style="list-style-type: none"> <li>Resists mild alkalis, mild acids, and salt</li> <li>Excellent resistance to water (<i>does not include immersion</i>)</li> <li>Resists occasional fuel spills</li> <li><b>Does not resist isopropyl alcohol</b></li> </ul>
<b>Flammability</b>	ASTM E84 reports: <a href="#">8548G</a> , <a href="#">8550M</a> or go to the On-line Product Catalog at <a href="#">3M.com/graphics</a> All other test reports: call 1-800-328-3908

## Warranty Information

All 3M graphic protection products are covered by the 3M Basic Product Warranty.

A warranty period may be offered based on the graphic construction and application details. Always refer to the 3M Product Bulletin for the 3M base film or flexible substrate you are using to determine if the graphic protection product you want to use is recommended and what, if any warranty period is offered.

### IMPORTANT NOTE

Warranty information including limitations and exceptions and warranty periods for this product can be found at [3MGraphics.com/warranties](http://3MGraphics.com/warranties).

## Warranty Coverage Overview

The warranty coverage for eligible graphics is based on the user both reading and following all applicable and current 3M Graphics Product and Instruction Bulletins. The warranty period for eligible graphics is as stated in the 3M Graphics Warranties Matrices at the time that the film was purchased. Information found at [3M.com/graphicswarranties](http://3M.com/graphicswarranties) includes:

- [3M Graphics Warranties Bulletin](#)
  - This bulletin contains information on limitations and exceptions, and warranty period reductions for 3M Graphics Warranties. The warranty period may be reduced and stipulations may apply for certain constructions, applications, and graphic exposures as covered in this Bulletin.
- [3M Graphics Warranties Selector](#)
  - Use this selector to search for your vertical warranty period by product type, ink type, film name, and/or ink/printer platform.
- [U.S. Desert Southwest Region Map](#)
  - Use this map of hot, arid desert areas to determine if you are subject to reduced warranted durabilities.

The warranties set forth in this Bulletin are made in lieu of all other express or implied warranties, including any implied warranty of merchantability, fitness for a particular purpose, or arising out of a course of dealing, custom, or usage of trade.

## 3M Basic Product Warranty

3M Graphics Products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in its applicable 3M Graphics Product Bulletin and as further set forth in the [3M Graphics Warranties Bulletin](#).

## Limited Remedy

The limited remedy applicable to each warranty is addressed in the 3M Graphics Warranties Bulletin found at [3M.com/graphicswarranties](#).

## Limitation of Liability

Except to the extent prohibited by law, 3M SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE TO PURCHASER OR USER FOR ANY DIRECT (EXCEPT FOR THE LIMITED REMEDY PROVIDED HEREIN), 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.

## Warranty Period Matrices

See the 3M Graphics Warranties Matrices at [3M.com/graphicswarranties](#), for vertical warranty period information specific to your film.

## Additional Limitations

See the 3M Graphics Warranties Bulletin at [3MGraphics.com/warranties](#), for terms, additional limitations of your warranty, if any, information on reduced warranties for different exposures, and limitations of liability.

## Health and Safety

### CAUTION

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to [3M.com/SDS](#), or by mail or in case of an emergency, call 1-800-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturer's instructions for safe operation.

## Factors that Affect Graphic Performance Life

The actual performance life of a graphic is affected by:

- the combinations of graphics materials used.
- complete ink drying or curing.
- selection, condition and preparation of the substrate.
- surface texture.
- application methods.
- angle and direction of sun exposure.
- environmental conditions.
- cleaning or maintenance methods.

## Graphics Manufacturing

### CAUTION

Before using any equipment, always read the manufacturer's instructions for safe operation.

### Completely Dry Graphics

### IMPORTANT NOTE

Incomplete drying or curing can result in graphic failure including curling, increased shrinkage and adhesion failure, which are not covered under any 3M Graphic Warranty.

See the specific ink's 3M Product and Instruction Bulletin for more details.

## Application Tapes

There are two types of application tapes. See [3M Instruction Bulletin AT-1](#) to determine what application tape is recommended for the film or finished graphic.

### Premasking Tape

Increases stiffness during application while preventing stretching and damage. Use when little or no liner is exposed. See [3M Instruction Bulletin 4.3](#) for complete details.

### Prespacing Tape

Holds cut and weeded letters or graphics in place during application and after removing the film liner, while preventing stretching and damage. Use when large amounts of liner are exposed. See [3M Instruction Bulletin 4.3](#) for complete details.

## Application and Installation

In addition to other 3M Bulletins specified in this document, the following Bulletins provide details that the user may need to properly manufacture a graphic.

- [3M Instruction Bulletin 4.22](#) Lamination Basics for Inkjet Printed Graphics

## Slip Resistance for Floor or Sidewalk Sign Graphics

The UL 410 Slip Resistance of Floor Surface Materials covers the testing of floor and finishing materials to determine if their minimum average and minimum individual static coefficients of friction (COF) meet or exceed the specified requirements with respect to slip resistance only. The floor surface materials covered by this standard include floor coverings (FCM), floor treatment materials (FTM) and walkway construction materials (WCM). The average static coefficient of friction for FTM, FCM, and WCM products shall be at least 0.50 and individual static coefficients of friction shall be at least 0.45 when tested in accordance with the requirements of this standard

**Method:** The floor samples were tested dry only. The slip resistance characteristics of the materials were measured in accordance with the established and standardized practice of Underwriters Laboratories Inc. and in accordance with the latest Standard of Slip Resistance of Floor Surface Materials, UL 410.

**Results:** An average slip resistance characteristic greater than 0.50 was recorded for each of the materials tested.

## Maintenance and Cleaning

Use a cleaner designed for high-quality painted surfaces. The cleaner must be wet, non-abrasive, without solvents, and have a pH value between 3 and 11 (neither strongly acidic nor strongly alkaline). See [3M Instruction Bulletin 6.5](#) for details.

### IMPORTANT NOTE

It is not recommended to use Isopropyl alcohol on the Products specified in this document. Use a detergent, such as Simple Green™, and water to clean.

## Shelf Life, Storage and Shipping

### Shelf Life

The shelf life is **never more than 3 years** from the date of manufacture on the original box.

If you process the film, the shelf life is changed to **1 year** from the processing date, but not later than the 3 year maximum from the manufacturing date.

### Storage Conditions

- 40° to 100 °F (4° to 38 °C)
- Out of sunlight
- Clean, dry area
- Original container
- Bring the film to room temperature before use

### Shipping Finished Graphics

Flat, or rolled printed side out on 6 inch (15 cm) or larger core. This helps prevent the application tape, if used, from popping off.

#### Commercial Solutions

3M Center, Building 220-12E-04  
St. Paul, MN 55144

1-800-328-3908  
3M.com/Graphics

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