

Gloss Overlamine 8508
Luster Overlamine 8509
Matte Overlamine 8510M

Product Description

- Intended for application surfaces that are flat or have simple curves
- Expected performance life of four years (unwarranted period applied to a flat, vertical, outdoor surface)
- **8509** and **8510M** are UL Classified for slip-resistance in accordance with UL 410 (File SA11595).

Recommended Types of Graphics and End Uses

- Overlaminates for intermediate graphics
- Transit
- Labels
- Signage
- Smooth walls
- Windows and glass
- Floor graphics (**only** Luster Overlamine 8509 and Matte Overlamine 8510M)

Characteristics

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

Performance Characteristics

Characteristic	Value
Material	Non-cast vinyl
Thickness	8508: 2.6 mils 8509: 3 mils 8510M: 3.5 mils
Gloss (60° gloss angle)	8508: Gloss >65 8509: Luster >55 8510M: Matte <30
Liner	Kraft paper
Lamination Temperature	50°F to 90°F (10°C to 32°C)
In Use Temperature Range	-65°F to 200°F (-54°C to 93°C) (Though not for extended periods of time at the extremes.)
Chemical Resistance	<ul style="list-style-type: none"> • Resists mild alkalis, mild acids, and salt • Excellent resistance to water (<i>does not include immersion</i>) • Resists occasional fuel spills
Flammability	ASTM E84 test reports are available via the online product catalog at 3Mgraphics.com or by calling 3M at 1-800-328-3908.



Factors Affecting Graphic Performance Life

The actual performance life of a graphic is affected by:

- The combination of graphic 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

NOTE

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

See the ink's 3M product and instruction bulletins for more details.

Graphic Protection

Graphic protection may improve the appearance, performance, and durability of the graphic. Click on the graphic protection options listed in this product bulletin or see the [3M Graphics Materials Product Catalog](#) for more information.

NOTE

During installation, scratches may occur on films without graphic protection.

Application Tapes

There are two types of application tapes. See [3M Instruction Bulletin Application: 3M™ Application Tapes for Graphic Films](#) to determine what application tape is recommended for your 3M Graphics Products. Finished graphics eligible for any 3M warranty must be constructed using approved 3M Graphics Products. See the [3M Graphics Warranty Bulletin](#) for more details.

Premasking Tape

Premasking tape increases stiffness during application while preventing stretching and damage. Use when little or no liner is exposed. See [3M Instruction Bulletin Application: 3M™ Application Tapes for Graphic Films](#) for complete details.

Prespacing Tape

Prespacing tape holds cut and weeded letters or graphics in place during application and after removal of the film liner, while preventing stretching and damage. Use when large amounts of liner are exposed. See [3M Instruction Bulletin Application: 3M™ Application Tapes for Graphic Films](#) for complete details.

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 Maintenance](#) for details.

Shelf Life, Storage, and Shipping

Shelf Life

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

Processing the film changes its shelf life to **one year** from the processing date, but no more than three years from the manufacturing date.

Storage Conditions

- 40°F to 100°F (4°C 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 a 6 in. (15 cm) or larger core. This helps prevent the application tape, if used, from popping off.

3M Related Literature

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 Production: Lamination](#)

Health and Safety

Chemicals

When handling any chemical products, read the manufacturers' container labels and the safety data sheets (SDS) for important health, safety, and environmental information.

[Follow this link to obtain SDS sheets for 3M products.](#)

[Follow this link to obtain information about substances of very high concern \(SVHC\) for EU products.](#)

Tools and Equipment Usage

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

Air Quality Regulations

Country, state, or regional volatile organic compound (VOC) regulations may prohibit the use of certain chemicals with VOCs in graphic arts coatings and printing operations. Check with local environmental authorities to determine whether use of this product may be restricted or prohibited.

Warranty Information

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 the film was purchased. Information found at [3M.com/graphicswarranties](https://www.3m.com/graphicswarranties) includes:

- [3M Graphics Warranties Bulletin](#)
 - This bulletin contains information on limitations, 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 warranty coverage by 3M Graphics Product(s), Inks, Printer, Application(s), and Exposure.
- [3M™ Global Geographical Zones](#)
 - Use this map to identify your warranty zone and determine if you are subject to reduced warranted durabilities.

Technical Information

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