

Product Description

- 3M™ Wrap Overlamine Series 8900 enhances the appearance of printed graphics or colored films.
- 8900-BR100 Brushed gives the underlying film/graphic a brushed metal appearance.
- 8900-CF100 Carbon Fiber gives the underlying film/graphic a carbon fiber appearance.
- Expected performance life of four years (unwarranted period applied to flat, vertical, outdoor surfaces under Northern European climate conditions)

These products are intended to be used for lamination over another film substrate. It has a permanent adhesive, if applied directly to the substrate it will cause damage and removal will most likely leave a large amount of adhesive behind.

Recommended types of graphics and use

- Wraps for fleet/vehicle, vehicle straight trucks, semi-trucks and semi-trailers
- Watercraft (above the static water line only)
- Small format original equipment manufacturer's (OEM) decorative and identification graphics, cautionary and safety labeling
- Smooth walls

Physical Properties

The values displayed are the results of illustrative lab test measurements made according to the indicated external norm and shall not be considered as a commitment from 3M.

| Characteristic | Value |
|-------------------------------------|--|
| Material | Cast vinyl |
| Thickness | 8900-BR100 Brushed 2.5 mil (0.06 mm) |
| (Film without adhesive) | 8900-CF100 Carbon Fiber 3.5 mil (0.09 mm) |
| Adhesive | Acrylic pressure-sensitive, permanent |
| Adhesive appearance | Clear |
| Liner | Kraft paper |
| Lamination temperature | 60°F to 100°F (16°C to 38°C) |
| Temperature range after application | -65°F to 150°F (-54°C to 66°C) (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 (does not include immersion) • Resists occasional fuel spills |
| Flammability | <p>Flammability standards are different from country to country. Ask your local 3M contact for details, please.</p> <p><u>Follow the link to check for available fire certificates.</u></p> |

Recommended Compatible Products

See the instruction bulletin 'ATR' for information about the selection and use of suitable application tapes for this product, please.

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 and maintenance methods

Warranty Information

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.

3M™ Performance Guarantee and MCS™ Warranty

3M provides a guarantee/warranty on a finished applied graphic within the framework of 3M™ Performance Guarantee and/or 3M™ MCS™ warranty programs.

[Follow the link for a complete list of compatible products that are approved by 3M for use with the laminate covered in this Bulletin and used for the creation of a graphic that may be eligible for the 3M™ MCS™ Warranty or 3M Performance Guarantee.](#)

Limited Remedy

Unsuitable End Uses

3M recommended product end uses are listed in each 3M graphics product bulletin. End uses not listed in the applicable 3M Graphics Product Bulletins are typically not eligible for 3M Graphics Warranties. For non-recommended and/or non-warranted end uses or applications, users must test and approve the end uses or applications, assume any associated risks, and acknowledge that 3M has no liability for such end uses or applications. Please contact your 3M representative with any questions about graphic applications, end uses, and warranties.

Limitations of liability

All questions of warranty and liability relating to this product are governed by the terms and conditions of the sale, subject, where applicable, to the prevailing law.

Maintenance, Cleaning and Removal

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).

These films are not intended to be removed.

See 3M Instruction Bulletin 6.5 for information about storage, handling, maintenance and removal of films and sheetings.

Shelf Life, Storage and Shipping

The shelf life as defined below remains an indicative and maximum data, subject to many external and non-controllable factors. It may never be interpreted as warranty.

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: +4°C to +38°C, out of sunlight, original container in a clean and dry area.

Shipping finished graphics: Flat or rolled printed side out on 5-inch (13 cm) or larger core.

Bring the film to print room temperature before using.

Health and Safety

When handling any chemical products, read the manufacturer's container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information.

[Follow the link to obtain SDS sheets for 3M products on 3M.com/SDS.](https://www.3m.com/SDS)

[Follow the link to obtain information about substances of very high concern \(SVHC\).](#)

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

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