

Commercial Solutions Division

3M™ Wrap Overlamine Series 8900

Product Description 3M™ Wrap Overlamine Series 8900 is designed to enhance the appearance of printed graphics or coloured films.

- Product Line**
- 8900-BR100 gives the underlying film/graphic a brushed appearance.
 - 8900-CF100 gives the underlying film/graphic a carbon fiber appearance.
 - 8900-G303 accents the underlying film/graphic with red sparkle. Works well with reds, oranges, and neutral tone colors.
 - 8900-G304 accents the underlying film/graphic with gold sparkle. Works well with yellows, greens, and neutral tone colors.
 - 8900-G301 accents the underlying film/graphic with medium silver sparkle. Works well with a variety of all colors.
 - 8900-G701 accents the underlying film/graphic with an intense silver sparkle. Works well with neutral or light colors.
 - 8900-S701 accents the underlying film/graphic with a satin silver sparkle. Works well with a variety of all colors.

Important Notice This product is intended to be used for lamination over another film substrate. It has a permanent adhesive, if applied directly to substrate it will cause damage and removal will most likely leave a large amount of adhesive behind.

Product Characteristics These are indicative values for unprocessed products. Contact your 3M representative for a custom specification

Physical & Application	Material	cast vinyl
	Surface finish	glossy (G), satin (S), textured surface (BR, CF) (see product line)
	Thickness (film)	8900-G303, G304, G301, G701, S701: 50 µm (0.05 mm)
		8900-BR100: 64 µm (0.064 mm) 8900-CF100: 90 µm (0.09 mm)

Adhesive type	solvent acrylic, pressure sensitive, permanent
Adhesive appearance	clear
Liner	8900-BR100, CF100, S701: Kraft paper 8900-G303, G304, G301, G701: Polyester
Lamination temperature	+15°C to +32°C

The values above are the results of illustrative lab test measurements and shall not be considered as commitment from 3M.

Storage	Shelf life	Use within two years from the date of manufacture on the sealed original box. Use within one year after opening the box
	Storage conditions	+4°C to +40°C, out of sunlight, original container in clean and dry area. Bring the overlamine to room temperature before use.

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

Flammability Flammability standards are different from country to country. Ask your local 3M contact for details, please.

Durability

The durability of products is influenced by:

- the combinations of graphics materials used
- complete ink drying or curing
- selection, condition and preparation of the substrate
- surface texture
- angle and direction of sun exposure
- application procedures
- environmental factors
- the method and the frequency of cleaning

MCS™ Warranty 3M provides a warranty on a finished applied graphic within the framework of 3M™ MCS™ warranty programs.

For detailed graphic construction and application options along with specific Warranty periods, please see the Warranty matrices and Warranty information on 3M Graphic Solutions/Warranties.

Visit www.3mgraphics.com/eu for getting more details about 3M's comprehensive graphic solutions.

Limitations of End Uses

3M specifically does not recommend or warrant the following uses, but please contact us to discuss your needs to recommend other products.

- Not for applications to substrates other than graphic films.
- Not for applications to substrate surface shapes other than specified in this section or recommended in the product bulletin of the base film used for graphic construction.
- Not for graphics subjected to gasoline vapors or spills at gas pumps, automobile fuel-tank ports, or top-feeding petroleum tankers.
- Do not print on overlaminates.
- 3M Commercial Solutions Division products are not tested against automotive manufacturer specifications!
- Non vertical applications will have a significant decrease in durability.
- Do not use on textured films as e.g. carbon fibre and brushed films.

Graphics Manufacturing

Use these products to enhance the appearance of printed graphics or colored films.

Shipping Finished Graphics

Flat, or rolled film side out on 130 mm (5 inch) or larger core. These methods help to prevent the liner from wrinkling or application tape, if used, from popping off.

Application

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

[> Product Bulletin Application Tape Recommendations <](#)

Refer to Instruction Bulletin 5.1 'select and prepare substrates for graphic application', for general application information.

[> Instruction Bulletin 5.1 'select and prepare substrates for graphic application' <](#)

Important notice

The thicker the printed graphics or colored films will cause the finished construction to be more difficult to stretch. Stretching of graphics at the edges should be avoided in order to avoid shrinkage.

Inlays and relief cuts in deep recesses are recommended.

It is recommended to apply 8900 series in same direction on visually adjacent car parts as e.g. doors and fenders of car body sides.

Post-heating of edges at temperatures between +40°C and +60°C and re-pressing of edges is required.

Maintenance and Cleaning

Use a cleaner designed for high-quality painted surfaces. 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).

Refer to Instruction Bulletin 6.5 'storage, handling, maintenance and removal of films and sheetings', for general maintenance and cleaning information.

[> Instruction Bulletin 6.5 'Storage, Handling, Maintenance and Removal of Films and Sheetings' <](#)

Remarks

This bulletin provides technical information only.

Important Notice

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. Before using, the user must determine the suitability of the product for its required or intended use, and the user assumes all risk and liability whatsoever in connection therewith.

Additional Information

Visit the web site www.3mgraphics.com/eu for getting:

- additional instruction bulletins
- a complete product overview about materials 3M is offering.

Responsible for this technical product bulletin

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