



Scotchcal™ Luster Overlaminates

8509

For Digitally-imaged Promotional Graphics

Product Description

Overlaminates 8509 is a clear 3-mil vinyl film that provides ultraviolet and physical protection to digitally-imaged graphics made with 3M promotional graphic films when used according to 3M's written instructions. It is designed for cold roll lamination only.

Characteristics

All values are typical for unprocessed film and are not for use in specifications. Contact your 3M representative for a custom specification.

Physical and Application Characteristics

Characteristic	Value
Film	3-mil vinyl
Color	Clear
Gloss	Luster
Film thickness	Without adhesive: 3 mil (0.076 mm) With adhesive: 4.0 - 5.0 mil (0.102 - 0.127 mm)
Adhesive type	Pressure sensitive, permanent
Adhesive color	Clear
Liner	Paper
Application method	Cold roll lamination
Finished graphic exposure temperature	-65° to +225°F (-54° to +107°C) <i>not to exceed the range of any other component used in the construction</i>

Warranty and Durability

3M Basic Product Warranty

This product has been tested and is believed to be a good product when used as recommended in this bulletin. The film is covered by the 3M Basic Product Warranty and is guaranteed to be free of physical and manufacturing defects. There is no warranty for printability, visual appearance, fitness for use or durability. See the 3M Graphics Market Center Warranty Brochure for the complete warranty and remedy details.

Expected Performance Life

Same as the 3M promotional product to which it is applied.

Warranty and Limited Remedy

The following is made in lieu of all other express or implied warranties, including any implied warranty of **merchantability** or fitness for a particular purpose or implied warranty arising out of a course of dealing, custom or usage of trade: all 3M products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in this Product Bulletin. 3M will replace or refund the price of any 3M materials that do not meet this warranty within the specified time periods. These remedies are exclusive. **In no case shall 3M be liable for any direct, indirect, or consequential damages, including any labor or non-3M materials charges.**

See the Graphics Market Center Warranty Brochure, which gives the terms, additional limitations of the warranty, if any, and limitations of liability.

Fabrication

Be sure the ink and film is completely dry or UV ink is properly cured before applying this overlaminates.

Apply this overlaminates with cold roll lamination according to the laminator manufacturer's recommendations. See Instruction Bulletin 4.22 for additional information.

Shelf Life, Storage and Shipping

Activity	Recommendations
Shelf life	Total shelf life: 2 years Up to 2 years unprocessed, <i>OR</i> Up to 1 year processed and applied within 1 year of processing
Storage conditions	<ul style="list-style-type: none"> • 86°F (30°C) maximum • Out of direct sunlight • Clean, dry area • Original container
Shipping finished graphics	Refer to the base film's Product Bulletin.

Health and Safety



When handling any chemical products, read the manufacturers' container labels and the Material Safety Data Sheets (MSDS) for important health, safety and environmental information. To obtain MSDS sheets for 3M products go to www.3M.com/MSDS, 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 manufacturers' instructions for safe operation.

3M Related Literature

Before starting any job, be sure you have the most current Product and Instruction Bulletins.

The information in 3M Product and Instruction Bulletins is subject to change. Current Bulletins are available at www.3Mgraphics.com. The following applicable Bulletins provide information and processes you need to properly make the graphics described in this Bulletin. Additional Bulletins may be needed as indicated in the 3M Related Literature section of other 3M components you use.

Subject	Type	Bulletin No.
Bulletin types: PB = Product Bulletin; PB-IB = Product & Instruction Bulletin; IB = Instruction Bulletin		
Cold roll lamination	IB	4.22
Storage, handling, maintenance, removal	IB	6.5
3M Graphics Center Warranty Brochure		

Warranties

3M and Scotchcal are trademarks of 3M.

Bulletin Change Summary

Added the word "vinyl" to product description.



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