



Scotchcal™

Luster Overlamine 8519 and Matte Overlamine 8520

Description

3M™ Scotchcal™ Luster Overlamine 8519 and Matte Overlamine 8520 are 2-mil films that provide additional ultraviolet and durable physical protection for selected graphic constructions. It is designed for cold roll lamination only.

Note: These overlaminates directly replace 3M™ Scotchcal™ Luster Overlamine 8910 and Matte Overlamine 8911 with no change in use, application, durability or warranty for any construction already recommended in current 3M base film bulletins.

Recommended End Uses

Overlaminates 8519 and 8520 are intended for providing graphic protection to all digitally imaged graphics made with 3M graphic films when made with the listed Compatible Products according to 3M's written instructions.

Characteristics

Characteristic	Description
Color	Clear
Gloss	8519: Luster 8520: Matte
Adhesive	Pressure sensitive, clear
Liner	78 pound paper
Thickness	2 mil (0.05 mm) <i>without adhesive</i> 3-4 mil (0.08 to 0.10 mm) <i>with adhesive</i>
Tensile strength (minimum)	5 pounds/inch at 73°F (0.9 kg/cm at 23°C)
Dimensional stability	0.015 inch (0.4 mm)

Characteristic	Description
Service temperature range	-65° to +225° F (-54° to +107° C)
Chemical resistance	<ul style="list-style-type: none"> Resists mild alkalis, mild acids and salt Excellent resistance to water Resists petroleum vapors

Graphic Performance Life

Refer to the base film's Product Bulletin for warranty information and limitations.

Fabrication

Apply these overlaminates with cold roll lamination according to the laminator manufacturer's recommendations.

Shelf Life, Storage, and Shipping

Activity	Recommendation
Shelf life	Total shelf life: 2 years Up to 2 years unprocessed, OR process within 1 year and apply within 1 year of processing
Storage conditions	<ul style="list-style-type: none"> 86°F (30°C) maximum Out of sunlight Clean dry area Original container
Shipping finished graphics	Flat, or rolled printed side out on 5 inch (13 cm) or larger core; this helps prevent the liner and premasking tape from wrinkling or popping off

Health and Safety

Caution

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:

- By fax, call 1-800-364-0768 in the US and Canada or 1-650-556-8417 for all other locations.
- Electronically, visit us at <http://www.3M.com/MSDS>.
- 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.

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: 3M™ Scotchcal™ Luster Overlamine 8519 and 3M™ Scotchcal™ Matte Overlamine 8520 is 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. See the worldwide 3M™ MCS™ Warranty bulletin, which gives the terms and limitations of the warranty.

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.

3M Related Literature

Before starting any job, be sure you have the most current product and instruction bulletins.

The information in 3M bulletins is subject to change. Current bulletins, as well as a list of all bulletins updated within the last three months, are available at www.scotchprint.com or through our Fax-on-Demand system. Any warranty, if offered, is based on information in the bulletin that was current at the time you purchased the 3M products. The following bulletins provide the information and processes you need to properly make the graphics described in this bulletin.

Fax-on-Demand phone numbers:
United States or Canada: 1-800-364-0768
International: 1-651-732-6506

Subject	Bulletin No.	FOD No.
Product Bulletins		
Films Please visit our website or all our Faxon Demand system to identify and order the film bulletins you need.		
Instruction Bulletins		
Cold roll lamination	4.22	6522
Storage, handling, maintenance, removal	6.5	8505

Bulletin Change Summary

Overlaminates 8519 and 8520 have replaced overlaminates 8910 and 8911 in all applications where overlaminates 8910 or 8911 were previously recommended.

3M

Graphics Market Center
3M Center, Building 220-12E-04
PO Box 33220
St. Paul, MN 55144-3220 USA
General Info. 1-800-374-6772
Technical Info. 1-800-328-3908
Fax 1-651-736-4233

Fax-on-Demand 1-800-364-0768 US/Canada or 1-651-732-6506 International
Fax-on-Demand document: 4524
www.scotchprint.com

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1-800-265-1840
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Product Bulletin 8519/8520 – 2

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