



Product Bulletin 8580

Release A-EU, Effective August 2007

ScotchcalTM Overlamine 8580

Description

3MTM ScotchcalTM Overlamine 8580 is a thin, high flexible film providing high conformability for applications onto recesses and deep channels. It provides additional ultraviolet and durable physical protection for selected graphic constructions.

Recommended End Uses

3MTM ScotchcalTM Overlamine 8580 is intended for providing graphic protection to digitally imaged graphics made with 3MTM ControltacTM Plus Graphic Film IJ 380.

Characteristics

Property	Description
Film	Clear vinyl
Basis Weight (film and adhesive)	60 g/m ²
Gloss	Gloss
Adhesive type and color	Pressure sensitive, clear
Liner	120 g/m ² paper
Service temperature range	-60°C to 107°C
Chemical Resistance	<ul style="list-style-type: none">Resists mild alkalis, mild acids and saltExcellent resistance to waterResists petroleum vapors

Note: This information is subject to change. These values are typical for unprinted film and are not intended for use in specifications. Be sure this is the most current Product Bulletin. See **3M Related Literature** at the end of this bulletin.

Shelf Life, Storage, and Shipping

Activity	Recommendation
Shelf life	2 years after receipt from 3M (dry conditions, Temp. < 38°C)
Storage conditions	<ul style="list-style-type: none">Out of sunlightClean dry areaOriginal container

Shipping finished graphics	Flat, or rolled printed side out on 13 cm or larger core; this helps prevent the liner and application tape from wrinkling or popping off
----------------------------	---

Effective Performance Life

The performance statement is based on representative values obtained from testing. The actual performance is determined by the degree of maintenance and the extremes of exposure conditions.

Warranted Durability

The 3MTM MCSTM warranty statement for ScotchcalTM Overlamine 8580 is based on the combination with 3MTM ControltacTM Plus Graphic Film IJ 380.

Performance statements are based upon representative experience obtained from testing throughout Europe. Actual performance will be determined by substrate selection and preparation, maintenance of the marking and exposure conditions.

Limitation of end use

We do not normally warrant other applications, but please contact us to discuss your needs or let us suggest other 3M products.

Specifically, we do not warrant this film when used on graphics made for automotive Original Equipment Manufacturers (OEM).

Important Notice

This bulletin provides technical information only.

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.

3M Related Literature

3M offers for all products detailed technical literature. Additionally, comprehensive instruction bulletins are available describing in detail the best usage of our products.

Ask your local 3M contact or refer to local Commercial Graphics internet pages to get the most current product and/or instruction bulletins.

For Further Assistance

For help on specific questions relating to 3M Commercial Graphics products, please contact your local 3M Technical Service person or contact:

3M Deutschland GmbH
Commercial Graphics Laboratory
Carl-Schurz-Str. 1
D-41453 Neuss
Germany
Phone +49 (0) 2131 14 3500
Fax +49 (0) 2131 14 2377

The use of trademark signs and brand names in this bulletin is based upon US standards. These standards may vary from country to country outside the USA.