



3M™ Scotchcal™ Optically Clear Overlaminates 8914i

Product Description

Advantages

- Clear vinyl overlaminate designed specifically for use with 3M™ Scotchcal Perforated Window Graphic Films.
- For MCS™ warranted applications

Limitations of End Uses

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 for the following:

Applications that require an optically clear view, such as vehicle window exteriors, should be laminated with overlaminates 8914i. Failure to apply this laminate could result in obstructed or impaired viewing when the product becomes wet.

Main Characteristics

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.

Property	Description
Film color	Optically clear
Thickness (film and adhesive)	0.05 to 0.09 mm
Adhesive type and color	Pressure sensitive, optically clear
Liner	Polyester
Minimum application temperature	12°C <i>*For applications nearing the minimum temperature range, please contact your local technical service representative to confirm suitability of application</i>

Property	Description
Service temperature range	-54° to +65°C
Applied shrinkage	0.4 mm
Tensile strength (min, DIN 527)	19 Mpa 19N/mm ²
Shelf life	2 years after receipt from 3M (dry conditions, Temp. < 38°C)

Effective Performance Life

When manufactured by a Scotchprint graphics authorised manufacturer and applied in accordance with 3M recommended procedures, the following finished graphic performance may be expected, when using 8914i. Actual durability depends upon the substrate selection and preparation, exposure conditions and maintenance of the markings.

Warranted Durability

The 3M MCS™ Warranty statement for Scotchcal™ High Gloss Protective Overlaminates 8914i is based on chosen media construction.

Please refer to the European MCS™ Product Warranty Chart for details. The Product Warranty Chart is available on request from your local 3M representative.

Related Literature

Subject	Product Bulletin	Instruction Bulletin(s)
3M™ Scotchcal™ Perforated Window Marking Film 8173, RG8173	8173	
Special Applications and Vehicles		5.4
Storage, Handling, Maintenance and Removal of Films and Sheetings		6.5

Health & Safety

Refer to the package label and the Material Safety Data Sheet for health, safety, and handling information on the products referenced in this bulletin. For 3M products, if necessary, you may contact our Toxicology/Product Responsibility Department on 01344 858000.

Important Notice to Purchaser

The 3M products described in this publication are covered by a 3M warranty and limitation of liability.

3M's warranty provides that if 3M finds that goods are defective in material or workmanship they will be replaced or the price refunded at 3M's option but note that 3M does not accept liability for other direct losses (except for personal injury or death) or consequential losses relating to defective products or from information supplied by 3M.

Purchasers and users of 3M products, and not 3M supplying companies, are always solely responsible for deciding on the suitability of the 3M product for their required or intended use.

Technical Assistance

For help on specific questions relating to 3M Commercial Graphics Division Products, contact your local Technical Service Representative.

Commercial Graphics Department
3M United Kingdom PLC
3M Centre, Cain Road, Bracknell
Berkshire, RG12 8HT
Tel: 01344 857850
Fax: 01344 857939
e-mail: commgraphics.uk@mmm.com
www.3m.com/uk/graphicsolutions
www.scotchprint.com/uk

Sales Assistance

Commercial Graphics Group
3M United Kingdom PLC
3M House, 28 Great Jackson Street
Manchester, M15 4PA
Tel: (0161) 237 6394
Free Fax: (0800) 378127
e-mail: commgraphics.uk@mmm.com
www.3m.com/uk/graphicsolutions
www.scotchprint.com/uk

3M United Kingdom PLC, Commercial Graphics Group
3M House 28 Great Jackson Street Manchester M15 4PA
Tel: (0161) 237 6394 Free Fax: (0800) 378127
e-mail: commgraphics.uk@mmm.com
www.3m.com/uk/graphicsolutions
www.scotchprint.com/uk

3M Ireland, 3M House, Adelphi Centre,
Upper Georges Street, Dun Laoghaire, Co. Dublin, Ireland
Tel: 01 280 3555, Fax: 01 280 3509
e-mail: commgraphics.uk@mmm.com
www.3m.com/uk/graphicsolutions
www.scotchprint.com/uk