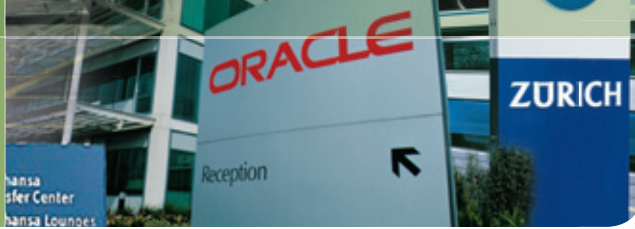# High
Performance Films
for Electro Cut Graphics

- A range of premium, cast films
- Brand new colour range

3M

3M™ Scotchcal™ Opaque Graphic Film Series 100

Product Features

Suitable for indoors and outdoors?	Yes
Typical application	Non-illuminated signs and fascias, sign directory systems, vehicle markings, window graphics, product markings, and most other applications requiring long-term durability
Suitable application surfaces and substrates	Most common surfaces including paint, aluminium, GRP, acrylic, glass and steel
Suitable for application over compound curves, corrugations or rivets?	Yes Exception: 3M™ Scotchcal™ Opaque Graphic Film Series 100 is not warranted for applications with deep corrugations eg: graphics applied to vans like Mercedes Benz Sprinter, Ford Transit, Volkswagen LT, etc. For these applications we strongly recommend 3M™ Controltac™ Graphic Film IJ 380.
Graphic durability	Up to 12 years*
Are graphics covered by warranty?	Yes, the 3M™ MCS™ warranty is the strongest and most comprehensive warranty in the graphics industry*
New expanded colour range	Available in 120 trendy gloss and 50 metallic colours. Matt black and white are included. Colours can be matched to your corporate requirement referencing e. g. Pantone, RAL, NCS, HKS, etc.
Application temperature range	4°C – 35°C
Adhesive type	Clear permanent adhesive
Can graphics be removed?	Yes, with the use of the 3M™ Graphic Remover System

Product Data

Suitable graphic production processes	Screen printing, computer, die and hand-cutting. For flat-bed CAD/CAM production, the film's ‚lay flat‘ formulation not only sets new standards in small letter cutting quality and faster, simpler weeding, but is also light and easy to handle. The film can also be used in hot/cold kiss-cutting and with heat vacuum applicators
Compatible 3M™ Inks and Clears	While 3M™ Scotchcal™ Inks Series 1900 for screen printing can be used, for typical screen print applications we recommend 3M™ Controltac™ Film Series 180

* See relevant technical bulletin for full details. Further information and samples on request.

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