

3M Commercial Graphics

3M™ Scotchcal™ Graphic Film Series 3650

3M™ Scotchcal™ Graphic Film IJ3650



Marking Films for Permanent Large-Format Graphics

Product range includes: SC 3650, IJ3650-10,
IJ3650-114, SC 3655, SC 3669

- Cast film
- Available colour matching service
- Excellent hiding power
- Petroleum resistant

The 3M logo, consisting of the letters '3M' in a bold, red, sans-serif font.

3M™ Scotchcal™ Graphic Film Series 3650

Scotchcal 3650 series is a range of films, available in white, black and transparent, which will withstand occasional spills of petroleum products, which makes this film suitable for applications such as tanker markings. The grey pigmented adhesive on the opaque films (3650/55) gives these film excellent hiding power.

| FAB Table | | |
|----------------------------|---|--|
| Features | Advantages | Benefits |
| Cast film | No memory therefore no shrinkage More conformable No Cracking | No tenting leaving unsightly application around rivets etc Quality graphic reproduction |
| Petroleum resistant | Will withstand exposure to petrol | Maintains image in harsh environments |
| Pigmented adhesive | Covers all other graphics / markings – excellent hiding power | Good looking graphics whatever colour the substrate is under the graphic |
| 3M™ MCS™ Warranty | Strongest warranty in the industry All elements designed for total compatibility | Peace of mind Less risk of failure No discrepancy over faulty element of graphics |

| Product Features | | | | | |
|---|---|---------------------------------------|--|---|---------------------------------------|
| | SC 3650 | IJ3650-10 | SC 3655 | SC 3669 | IJ3650-114 |
| Suitable for indoors and outdoors? | Yes | | Yes | Yes | |
| Typical uses | Vehicle marking, large outdoor graphics | | Vehicle marking, large outdoor graphics | Vehicle marking, large outdoor graphics | |
| Suitable application surfaces and substrates | Painted substrates, metal, glass and rigid plastic | | Painted substrates, metal, glass and rigid plastic | Painted substrates, metal, glass and rigid plastic | |
| Suitable for application over compound curves, corrugations or rivets? | Suitable for flat surfaces with or without rivets | | Suitable for flat surfaces with or without rivets | Suitable for flat surfaces with or without rivets | |
| Maximum warranty | Up to 8 years | | Up to 8 years | Up to 5 years | |
| Standard colour range | White | | Black | Transparent | |
| Colour matching service | Available on demand | | | | |
| Enhanced application features | Petroleum resistant | | Petroleum resistant | Petroleum resistant | |
| Minimum application temperature | 16°C | | 16°C | 16°C | |
| Adhesive type | Grey, pressure sensitive | | Grey, pressure sensitive | Clear, pressure sensitive | |
| Can graphics be removed? | Yes, with use of heat and/or chemicals | | Yes, with use of heat and/or chemicals | Yes, with use of heat and/or chemicals | |
| Suitable graphic production processes | Screen printing, piezo ink jet and electronic cutting | Solvent, UV and Latex Inkjet printing | Screen printing and electronic cutting | Screen printing, piezo ink jet and electronic cutting | Solvent, UV and Latex Inkjet printing |

| Product Construction | | |
|----------------------|---|--|
| Film type | Adhesive type/colour | Liner type |
| SC 3650A | Grey pigmented, pressure sensitive adhesive | 120 g/m ² Kraft paper liner |
| SC 3650B* | Grey pigmented, pressure sensitive adhesive | 150 g/m ² Premium Performance liner |
| SC 3650C | Clear adhesive | 120 g/m ² Kraft paper liner |
| SC 3650D | Clear adhesive | 150 g/m ² Premium Performance liner |

* Standard version

For more details please see our product information at www.3Mgraphics.com or contact your 3M distributor.



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