

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

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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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