

Make Solid Impressions on
Opaque and Transparent Surfaces

3M™ Scotchcal™ Graphic Film Series 50 is a durable film that offers the graphics market affordable, reliable 3M solutions for quality graphics and signs. Film series 50 is available in 60 of the most requested film Colours. It has excellent layflat performance during the cutting process and can be applied to flat and simple curved surfaces. An expected durability of up to 5 years provides you with peace of mind. This film is ideal for indoor and outdoor applications requiring electronically-cut graphics, logos, emblems, lettering and labels for signs, vehicles and windows.

3M™ Scotchcal™ Graphic Film Series 50

Features	Advantages	Benefits
Polymeric Calendared Film	Quality, durable graphics	Affordable graphics that meet the needs of your customers and increase customer satisfaction
3 mil (0.076mm) thickness without adhesive	Easy handling	Optimized application time for lower costs
Excellent handling characteristics	Clean, crisp cutting and weeding down to 9.5mm	Saves time, reduces waste and increases customer satisfaction
Clear, pressure-sensitive adhesive	Same film Colour from both sides	Versatile for windows and other transparent surfaces as well as opaque substrates
Removable with heat up to 3 years	Graphics stay in place until you want to remove them	Removable with heat within 3 years, reducing labor costs and increasing customer satisfaction
60 Colours	Provides spectrum of the most frequently requested Colours	Great Colour choices for optimized inventory management
Layflat paper liner	Film lays flat during cutting process	Reduces setup time, waste and labor to increase your profits
3M brand and Scotchcal brand	Globally-recognized brand names that are synonymous with quality, reliability and innovation	Versatile and competitive product portfolio from a company you can trust
5 Year MCS Warranty	MCS Warranty when used with other 3M films	Peace of mind

Film & Application Characteristics	
Suitable for indoors and outdoors	Yes
Typical uses	Commercial and industrial signage including emblems, vehicle graphics, labels, striping, window graphics and most other applications
Suitable application surfaces and substrates	<ul style="list-style-type: none">Flat and simple curved surfaces without rivetsMost common substrates include flexible signage, glass, metal, acrylic, polycarbonate, fiberglass and painted surfaces
Expected durability	Up to 5 years
Colour range	60 Colours, including matte white, matte black and transparent
Minimum application temperature	4° to 38°C (40° to 100°F)
Adhesive type	Clear, pressure sensitive
Removability	Removable with heat from most surfaces for up to 3 years; leaves little or no adhesive residue
Suitable graphics production processes	Hand, die and electronic cutting; thermal mass transfer printable
Recommended 3M Application Tapes (premasking or prespacing)	3M™ Prespacing Tape SCPS-2 or Premasking Tape SCPM-3

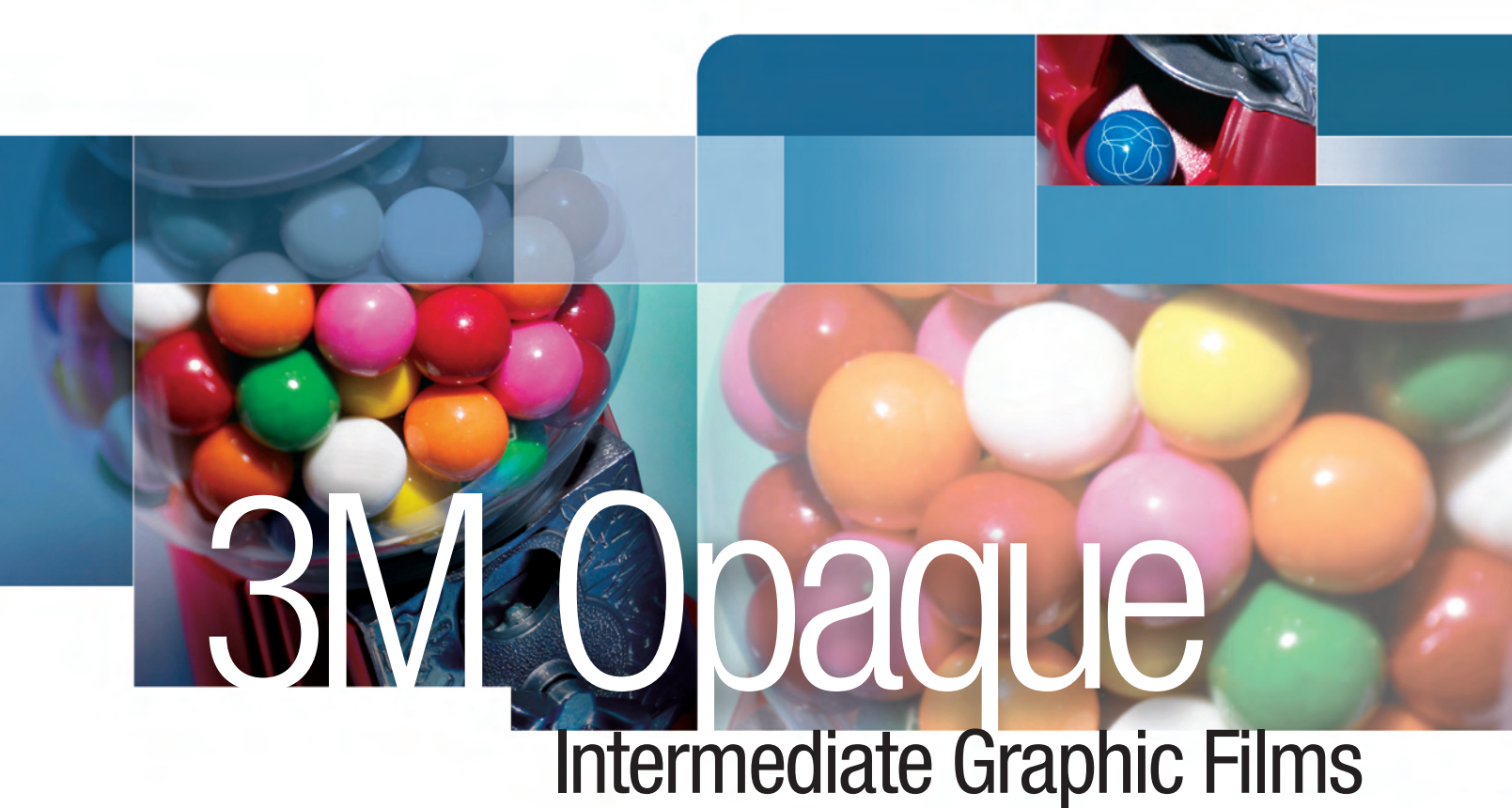
Refer to Product Bulletin for information on product use and MCS Warranty



3M Commercial Graphics
950 Pacific Highway
Pymble 2073
Ph 136 136
www.scotchprint.com.au

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3M Commercial Graphics
Colour Card Reference Guide



3M Scotchcal™ Opaque Film Series 50

	TRANSPARENT 50-11		GREEN 50-74		LIGHT RED 50-44		LIGHT MAGENTA 50-62		MARINE BLUE 50-884
	WHITE 50-10		BRIGHT GREEN 50-745		TOMATO RED 50-46		AQUA 50-792		DEEP NAVY BLUE 50-90
	MATT WHITE 50-100		GRASS GREEN 50-73		CARDINAL RED 50-47		DARK AQUA 50-795		INSIGNA BLUE 50-905
	FAWN 50-912		LIGHT GREEN 50-72		MEDIUM RED 50-475		TEAL 50-79		GREY WHITE 50-93
	IVORY 50-91		LEMON YELLOW 50-24		RED 50-48		SOFT BLUE 50-81		LIGHT GREY 50-94
	BEIGE 50-914		BRIGHT YELLOW 50-25		DARK RED 50-483		LIGHT BLUE 50-82		GREY 50-96
	DARK SAHARA 50-917		YELLOW 50-26		DEEP RED 50-486		PASTEL BLUE 50-83		NIMBUS GREY 50-97
	MEDIUM BROWN 50-918		SUNFLOWER 50-27		BURGUNDY 50-49		SKY BLUE 50-834		BLACK 50-12
	BROWN 50-92		APRICOT 50-28		PURPLE 50-66		AZURE BLUE 50-84		MATT BLACK 50-120
	DARK GREEN 50-78		ORANGE 50-32		LAVENDER 50-65		VIVID BLUE 50-862		ALUMINIUM 50-58
	LEAF GREEN 50-77		BRIGHT ORANGE 50-34		PINK 50-64		BRILLANT BLUE 50-87		GOLD 50-54
	MEDIUM GREEN 50-76		BRIGHT RED 50-42		MAGENTA 50-63		SAPPHIRE BLUE 50-88		ANTHRACITE 50-585

The colours shown here are representative only. For accurate colour samples, contact your supplier of 3M films or see the Where to Buy section of [3mcolours.com.au](https://www.3mcolours.com.au)