

Colour Card Reference Guide



Free of leadchromate pigments – RoHS compliant

Important Information

The use of lead free pigments required by REACH regulation is leading to two consequences:

1 Despite our ultimate efforts to match with lead free pigments colours made so far with lead containing pigments, we have not been able to match perfectly some colours which, in the reformulated version, are showing slight colour variations. For these colours, we have added a "/>

2 Users of cast coloured films know by experience that some colour hues are offering less opacity than others. This was already the case for films made with lead containing pigments. Lead free pigments have less opacity performance than lead containing pigments, which make the opacity of these colours, when produced with lead free pigments, even lower. In order to minimize this reduced opacity as much as possible, we are producing these specific colours with slightly thicker caliper (65 µ instead of 50 µ). On some electro-cutting equipments, this may mean need to adjust the cutting knives pressure.

In this colour card you will find the 13 colours, which are produced with 65 µ caliper, identified with their colour name and colour reference in italic.

With this new Premium Opaque Coloured Film range offering, and depending on the intended use, graphic manufacturers and signmakers have the choice between the reference in Electrocut Films and the reference in Positionable/Repositionable Graphic Films.

3M™ Scotchcal™ Opaque Graphic Film Series 100

- 101 standard stock colours
- For flat to curved surfaces, including rivets
- Fine cuttings (letters , logos ...) down to 10 mm vertical Helvetica

- Transparent adhesive allows same appearance both sides, when applied on glass
- Durability zone 1: Black and White 12 years / Colours 8 years / Metallics 3 years
- Mostly 50 m rolls for colours
- Special colours minimum order quantity 5 rolls (down to 1 roll with upcharge)

- Service temp -40 °C to +110 °C

3M™ Controltac™ Opaque Graphic Film Series 180 Cv2

- 35 standard stock colours
- For flat to curved surfaces, including rivets and corrugations

- Cutting (letters, logos ...) down to 80 mm vertical Helvetica
- Large graphics where air bleed is needed
- Large graphics where positionability and repositionability is needed
- Grey adhesive appearance for major part of the range, improves opacity
- Durability zone 1: Black and White 10 years / Colours 8 years / Metallics 5 years

- 25 m rolls for colours (except CT 180Cv2-1482 available in 50 m rolls)
- Special colours minimum order quantity 10 rolls (down to 1 roll with upcharge)
- Screenprintable
- Option for 1.52 m width with minimum order quantity
- Service temp -60 °C to +107 °C



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All printed examples of colours are approximations of the original colours and are subject to fluctuations due to the printing process. To determine the exact colour or choice of colours, please request an original 3M colour swatch or individual colour samples of your preferred colours.

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3M™ Premium Opaque Coloured Films
Scotchcal™ 100 and Controltac™ 180Cv2 Series

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Yellow 100-25/5 180Cv2-25/5	Cadmium Yellow 100-15/5 180Cv2-15/5	Spring Yellow 100-2432/5	Light Lemon Yellow Pantone 3965 C 100-385
			
Signal Orange Pantone 1505 C 100-2434	Mandarin 100-410/5	Bright Orange Pantone 165 C 100-14 180Cv2-14	Light Orange 100-717/5 180Cv2-717/5
			
Apricot 100-598/5	Geranium Red 100-176/5 180Cv2-176/5	Light Red 100-368/5	Tomato Red Pantone 1797 C 100-13 180Cv2-13
			
Red Orange Pantone 485 C 100-266	Dark Burgundy Pantone 1817 C 100-386	Burgundy Red 100-723	Ruby Red 100-23/5 180Cv2-23/5
			
Cardinal Red Pantone 187 C 100-53 180Cv2-53	Red Pantone 200 C 100-720	Chestnut Brown 100-29	Brown 100-107
			
Deep Mahogany Brown Pantone 476 C 100-19	Violet Pantone 520 C 100-265	Bright Violet 100-721	Royal Purple 100-595
			
Pink 100-454	Magenta Pantone 674 C 100-821	Intense Blue Pantone 300 C 100-47	Sky Blue 100-415 180Cv2-415

			
Olympic Blue Pantone 7461 C 100-57	Light Blue 100-123 180Cv2-123	Soft Blue Pantone 2915 C 100-453 180Cv2-453	Sapphire Blue Pantone 280 C 100-37 180Cv2-37
			
Dark Blue Pantone 2757 C 100-003	Fjord Blue Pantone 301 C 100-1789	Vivid Blue Pantone 2945 C 100-17 180Cv2-17	Traffic Blue 100-002 180Cv2-002
			
Insignia Blue Pantone 539 C 100-27	Deep Blue Pantone 274 C 100-1794	Nightshadow Blue 100-2189	Marine Blue 100-1182
			
Cobalt Blue Pantone 661 C 100-2417	Light Navy Pantone 648 C 100-724	Khaki 100-2418	Fir Tree Green Pantone 3308 C 100-008
			
Forest Green Pantone 3305 C 100-727	Dark Green Pantone 3425 C 100-56	Emerald Green Pantone 340 C 100-027	Sherwood Green Pantone 349 C 100-450
			
Bright Green 100-722 180Cv2-722	Green Pantone 356 C 100-122	Apple Green 100-719/5 180Cv2-719/5	Light Green 180Cv2-1482/5
			
Moss Green 100-2420/5	Light Green Pantone 368 C 100-047 180Cv2-047	Lime Green 100-449 180Cv2-449	Teal Pantone 321 C 100-603

			
Jade Green Pantone 326 C 100-718	Aqua Pantone 3258 C 100-716	Robin Egg Blue Pantone 318 C 100-600	Shadow Blue 100-725/5
			
Wedgewood Blue 100-726/5	Esso Beige 100-467/5	Safari Beige 100-2424	Sierra Beige 100-2425
			
Camouflage Green 100-2436/5	Pond Green 100-2034	Black Olive Matte 100-2290	Black Pantone Process Black C 100-12 180Cv2-12
			
Black Matte 100-22 180Cv2-22	Grey Pantone 425 C 100-012 180Cv2-012	Dark Grey 100-706	Mountain Grey 100-2426
			
Office Grey 100-2435/5	Traffic Grey 100-038 180Cv2-038	Mid Grey Pantone 423 C 100-822 180Cv2-822	Medium Grey 100-605/5 180Cv2-605/5
			
Light Grey 100-384/5	Marble Grey 100-2427	Stone Grey 100-079/5 180Cv2-079/5	Pearl Grey 100-11/5 180Cv2-11/5
			
Nevada Beige 100-2429/5	Beige Grey 100-728	Beige 100-119/5	White Matte 100-20 180Cv2-20