

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

- 99 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

- 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
- Screenprintable
- Option for 1.52 m width with minimum order quantity
- Service temp -60 °C to +107 °C



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

Olympic Blue 100-57 Pantone 7461 C	Light Blue 100-123 180Cv2-123	Soft Blue 100-453 180Cv2-453 Pantone 2915 C	Sapphire Blue 100-37 180Cv2-37 Pantone 280 C
Dark Blue 100-003 Pantone 2757 C	Fjord Blue 100-1789 Pantone 301 C	Vivid Blue 100-17 180Cv2-17 Pantone 2945 C	Traffic Blue 100-002 180Cv2-002
Insignia Blue 100-27 Pantone 539 C	Deep Blue 100-1794 Pantone 274 C	Nightshadow Blue 100-2189	Marine Blue 100-1182
Cobalt Blue 100-2417 Pantone 661 C	Light Navy 100-724 Pantone 648 C	Khaki 100-2418	Fir Tree Green 100-008 Pantone 3308 C
Forest Green 100-727 Pantone 3305 C	Dark Green 100-56 Pantone 3425 C	Emerald Green 100-027 Pantone 340 C	Sherwood Green 100-450 Pantone 349 C
Bright Green 100-722 180Cv2-722 Pantone 348 C	Green 100-122 Pantone 356 C	Apple Green 100-719/5 180Cv2-719/5	Light Green 180Cv2-1482/5
Moss Green 100-2420/5	Light Green 100-047 180Cv2-047 Pantone 368 C	Lime Green 100-449 180Cv2-449	Teal 100-603 Pantone 321 C

Jade Green 100-718 Pantone 326 C	Aqua 100-716 Pantone 3258 C	Robin Egg Blue 100-600 Pantone 318 C	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 100-12 180Cv2-12 Pantone Process Black C
Black Matte 100-22 180Cv2-22	Grey 100-012 180Cv2-012 Pantone 425 C	Dark Grey 100-706	Mountain Grey 100-2426
Office Grey 100-2435/5	Traffic Grey 100-038 180Cv2-038	Mid Grey 100-822 180Cv2-822 Pantone 423 C	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