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

Colour Card Reference Guide

White 100-10 | 180Cv2-10	Transparent 100-114 | 180Cv2-114	Ivory 100-383	Dark Ivory 100-731
Aluminium Metallic 100-58 | 180Cv2-58	Anthracite Metallic 100-144 | 180Cv2-144	Chamois Metallic 100-2443	Silver Metallic 100-2444 | 180Cv2-2444
Pearl Metallic 100-2445 | 180Cv2-2445	Honey Gold Metallic 100-2446	Gold Metallic 100-54	Bronze Metallic 100-2447
Pistachio Metallic 100-2448	Indigo Metallic 100-2455	Light Violet Metallic 180Cv2-2458	Aubergine Metallic 100-2460
Platinum Metallic Matte 100-2438			

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 "/5" to the current colour references, in order to allow users to recognize the colour reference, but also to check before use if the slight colour variation can be accepted by their customer.

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	3M™ Controltac™ Opaque Graphic Film Series 180 Cv2
• 99 standard stock colours	• 35 standard stock colours
• For flat to curved surfaces, including rivets	• For flat to curved surfaces, including rivets and corrugations
• Fine cuttings (letters , logos ...) down to 10 mm vertical Helvetica	• Cutting (letters, logos ...) down to 80 mm vertical Helvetica
	• Large graphics where air bleed is needed
	• Large graphics where positionability and repositionability is needed
• Transparent adhesive allows same appearance both sides, when applied on glass	• Grey adhesive appearance for major part of the range, improves opacity
• Durability zone 1: Black and White 12 years / Colours 8 years / Metallics 3 years	• Durability zone 1: Black and White 10 years / Colours 8 years / Metallics 5 years
• Mostly 50 m rolls for colours	• 25 m rolls for colours (except CT 180Cv2-1482 available in 50 m rolls)
• Special colours minimum order quantity 5 rolls	• Special colours minimum order quantity 10 rolls
	• Screenprintable
	• Option for 1.52 m width with minimum order quantity
• Service temp -40 °C to +110 °C	• Service temp -60 °C to +107 °C

Commercial Solutions
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1831 Diegem
Belgium

www.3Mgraphics.com/eu

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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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