Bold colors.
Unlimited possibilities.

Opaque Graphic Film Color Card Reference Guide

Make a powerful impression with colors that get noticed.

If you're looking to turn an ordinary surface into an extraordinary brand experience, you've come to the right place. As the world's leading innovator of film and adhesive technology, we have the durable, cost-effective opaque films for just about any surface and application. So whether it's a storefront window, an interior wall, a delivery vehicle — or an entire fleet — you're sure to create exactly the brand image you're looking for. And customers are sure to notice.

Vehicle colors shown are Atomic Red and Black.
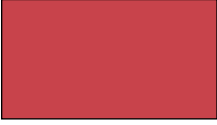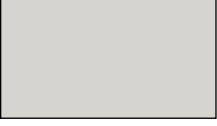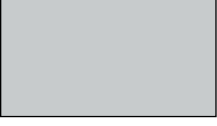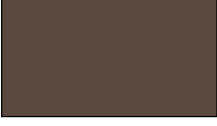
Opaque Colored Films

Number	180mC	7725	7725SE	7125	50
Product	3M™ Controltac™ Graphic Film with Comply™ Adhesive Series 180mC	3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7725	3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7725SE	3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7125	3M™ Scotchcal™ Graphic Film Series 50
Description	Designed for long-term fleet applications where non-visible air release channels are needed along with sliding capabilities, snap-up and removability.	Designed for electronic cutting and is thermal transfer printable. Cuts and weeds down to 1/4". Moisture-resistant synthetic liner lays flat and won't split. Also permits easy multi-color lay-up.	Fluorescent colors designed to be electronically cut for graphics needing high visibility and attention value.	Designed for electronic cutting and is thermal transfer printable. Cuts and weeds down to 3/8". Blue paper liner on white film helps improve speed and ease of weeding.	Reliable, value-priced 3M solution for electronically cut letters and graphics. Cuts and weeds down to 3/8" and is thermal transfer printable. Also features removable adhesive and blue liner on white films for ease of weeding.
Applications					
Fleet (commercial trailer, truck, tractor)	✓	✓		✓	✓
Transit (bus, passenger train)	✓	✓		✓	
Railroad	✓	✓			
OEM graphics	✓				
Label (warning, information)	✓	✓	✓	✓	✓
Signage — non-backlit	✓	✓	✓	✓	✓
Cut letters/shapes	✓	✓	✓	✓	✓
Window graphics	✓	✓		✓	✓
Durability and warranties					
Expected performance life, unprinted (years)*	10	8	1	8	5
3M™ MCS™ Warranty	✓	✓	✓	✓	
Application process					
Flat, simple curves	✓	✓	✓	✓	✓
Flat with rivets	✓	✓	✓	✓	
Corrugated	✓				
Compound curves	✓				
Film characteristics					
Number of standard colors	84	84	5	84	28
Screen printable (SP), thermal transfer (TT)	SP	SP, TT	SP	SP, TT	TT
Cast or non-cast	Cast vinyl	Cast vinyl	Cast vinyl	Cast vinyl	Non-cast vinyl
Film thickness (mils)	2	2	2–3.8	2	3
Adhesive characteristics					
Permanent		✓	✓	✓	
Removable	✓				✓
Pressure-activated	✓				
Non-visible air release channels	✓				

*unwarranted

3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7125 and 7725
3M™ Controltac™ Graphic Film with Comply™ Adhesive Series 180mC

Transparent 114	Dove Gray 91	Beige 49
White *Only available in 180mC-10*	Dark Gray 41	Fawn 99
White *Only available in 7725-10 and 7125-10*	Nimbus Gray 101	Magenta 103 PANTONE® 205 C
Matte White 20	Duranodic 69	Process Magenta 273 PANTONE® 214 C
Antique White 90	Black 12 PANTONE® Process Black C	Perfect Match Red 263 PANTONE® 186 C
Pearl Gray 11 PANTONE® Cool Gray 2 C	Matte Black 22 PANTONE® Black C	Tomato Red 13 PANTONE® 1795 C
Light Gray 121	Deep Mahogany Brown 19 PANTONE® 4625 C	Atomic Red 293
Stone Gray 81	Russet Brown 29 PANTONE® 175 C	Geranium 63
Medium Gray 31 PANTONE® Cool Gray 7 C	Tan 39	Cardinal Red 53
Mid Gray 61 PANTONE® Cool Gray 8 C	Putty 59	Imperial Red 93
Traffic Gray 151*	Sandstone 89	Deep Red 23

3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7125 and 7725
3M™ Controltac™ Graphic Film with Comply™ Adhesive Series 180mC

Burgundy 58	Lime Green 136	Dark Aqua 307
Terra Cotta 24	Apple Green 196	Robin Egg Blue 86
Red Orange 74	Kelly Green 46	Peacock Blue 77 PANTONE® 298 C
Bright Orange 14 PANTONE® Orange 021 C	Bright Green 186 PANTONE® 348 C	Soft Blue 97
Apricot 64	Dark Green 56 PANTONE® 3425 C	Light Blue 107
Light Orange 54	Bottle Green 276	Olympic Blue 57 PANTONE® 7461 C
Harvest Gold 105 PANTONE® 7510 C	Khaki Green 16	Persian Blue 117
Sunflower 25 PANTONE® 1235 C	Forest Green 66 PANTONE® 3302 C	Intense Blue 47 PANTONE® 301 C
Bright Yellow 15 PANTONE® 109 C	Bermuda Blue 357 PANTONE® 323 C	Vivid Blue 17
Light Lemon Yellow 65	Teal 96 PANTONE® 322 C	Sapphire Blue 37 PANTONE® 2747 C

Note that the elements used in sign construction, including sources of illumination, adhesives and substrates, can affect color. In most instances, color variation is slight, but certain elements will have a more noticeable effect, particularly on shades of white. PANTONE® color numbers are based on reflective light measurements of product samples applied to a standard white substrate.

3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7125 and 7725
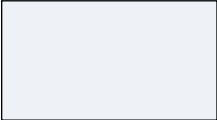# 3M™ Controltac™ Graphic Film with Comply™ Adhesive Series 180mC

Metallic Graphic Film

Fluorescent Graphic Film 7725SE

Not available in other film lines.

Dark Blue 397

Wedgewood
Blue 187

Shadow
Blue 177

Light Navy 197
PANTONE® 289 C

Indigo 27
PANTONE® 2767 C

Boat Blue 127

Royal Purple 38

Purple 48

Plum 78
PANTONE® 525 C

Dark Violet 98

Dark Blue
Metallic 217

Bright Blue
Metallic 227

Petroleum
Blue
Metallic 247

Satin
Aluminum 120
PANTONE® 877 C

Slate
Metallic 201

Charcoal
Metallic 211

Chocolate
Brown
Metallic 239

Champagne
Metallic 249

Satin
Gold 131
PANTONE® 872 C

Gold
Metallic 241

Copper
Metallic 229

Steampunk Red
Metallic 243

Yellow
Orange 404

Red Orange 414

Fuchsia 413

Yellow 405

Green 406

3M™ Scotchcal™ Graphic Film Series 50
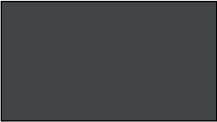
Transparent 11

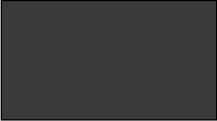White 10

Matte White 100

Light Gray 94

Nimbus
Gray 97
PANTONE® 7540 C

Silver 58
PANTONE® 877 2C

Black 12
PANTONE® Black C

Matte
Black 120

Brown 92

Gold 54
PANTONE® 872 C

Beige 914

Pink 64
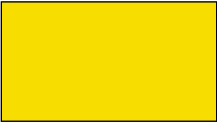PANTONE® 214 C

Light Red 44
PANTONE® 485 C

Dark Red 483

Burgundy 49
PANTONE® 209 C

Bright
Orange 34
PANTONE® 1655 C

Sunflower 27
PANTONE® 7549 C

Lemon
Yellow 24
PANTONE® 106 C

Grass Green 73

Bright
Green 745
PANTONE® 355 C

Medium
Green 76
PANTONE® 3415 C

Dark Green 78
PANTONE® 7484 C

Teal 79
PANTONE® 321 C

Light Blue 82

Azure Blue 84
PANTONE® 2935 C

Sapphire
Blue 88
PANTONE® 287 C

Deep Navy
Blue 90
PANTONE® 655 C

Purple 66

Can't find your color?

Get the highest quality film in the color you want with our three-day, no charge color match service.

Can't find your color? No problem — we can custom match colors for you. Contact your local 3M distributor or sales representative to find out how easy it is to get the perfect film for your needs in the perfect color for your brand.
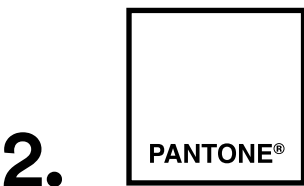
Custom colors available in 180mC and 7725 only.
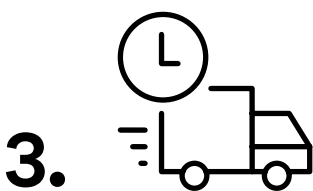
To learn more visit 3M.com/graphics.

Color matching steps:

1.
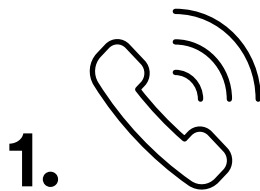
Contact your 3M sales representative.

2.

PANTONE®

Provide Pantone®, RAL, or NCS color, or a physical sample.

3.

Receive A4 sample of the matched color in about one week! Once the color is approved, 3M will begin to make the color shortly after ordering.

*Minimum order quantities as low as 250 yards. Minimum quantities vary based on product and dimension

PANTONE®

Authorized PANTONE Partner

Take command at **3M.com/opaquefilms.**

3M

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St. Paul, MN 55144 USA

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Web   3M.com/graphics