3M™ Envision™ Flexible Substrate FS-1 SAMPLE

3M™ Panagraphics™ III Wide Width Flexible Substrate SAMPLE

3M Science. Applied to Life.™

3M Illuminated Sign Solutions Reference Guide

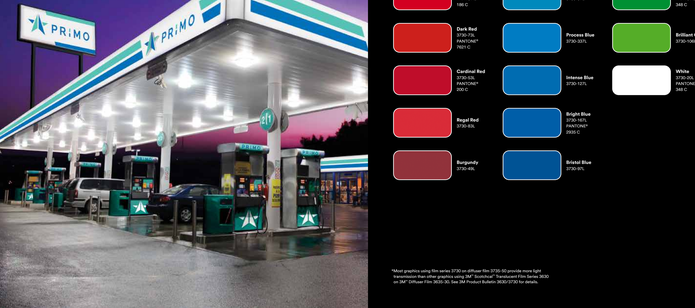
The colors you want.
The consistency you need.
The partner you trust.



Image is everything.

Your brand has to be consistent whether it's in New York or New Delhi. With the most colors (including custom) and design options plus unparalleled global consistency and an industry-leading warranty, 3M is your single source for components of illuminated sign faces.

- Colored Translucent Films
  - 3M™ Envision™ Translucent Film Series 3730
  - 3M™ Scotchcal™ Translucent Graphic Film Series 3630
- Inkjet Printable Films
- Overlaminates
- Light Management Films
- Flexible Substrates
- 3M™ MCS™ Warranty



3M™ Envision™ Translucent Film Series 3730

Customize the brightness* of your illuminated signs with films that provide more light transmission.

Yellow 3730-010, PANTONE® 116 C	Raspberry 3730-135,	European Blue 3730-121,
Golden Yellow 3730-100, PANTONE® 1235 C	Plum Purple 3730-139,	Teal Green 3730-346,
Orange 3730-44,	Blue 3730-90,	Holly Green 3730-76,
Light Tomato Red 3730-43, PANTONE® 1795 C	Sultan Blue 3730-125,	Green 3730-26, PANTONE® 7727 C
Red 3730-20, PANTONE® 186 C	Olympic Blue 3730-121,	Vivid Green 3730-136, PANTONE® 348 C
Dark Red 3730-79, PANTONE® 7621 C	Process Blue 3730-227,	Brilliant Green 3730-726,
Cardinal Red 3730-59, PANTONE® 200 C	Intense Blue 3730-127,	White 3730-20, PANTONE® 348 C
Regal Red 3730-83,	Bright Blue 3730-167, PANTONE® 2995 C	
Burgundy 3730-84,	Bristol Blue 3730-167,	

*Most graphics using film series 3730 on diffuser film 3730-30 provide more light transmission than comparable graphics using 3M™ Scotchcal™ Translucent Film Series 3630 on 3M™ Diffuser Film 3630-30. See 3M Product Bulletin 3630-3730 for details.

3M™ Scotchcal™ Translucent Graphic Film Series 3630

Get the attention you deserve with films that make your brand look great around the clock.

Yellow 3630-010 PANTONE® 116 C	Poppy Red 3630-142 PANTONE® 485 C	Electric Pink 3630-88
Marigold 3630-70 PANTONE® 7548 C	Scarlet 3630-153	Vivid Rose 3630-79 PANTONE® 199 C
Sunflower 3630-20 PANTONE® 130 C	Fire Engine Red 3630-93	Plum Purple 3630-139 PANTONE® 519 C
Golden Yellow 3630-105	Red 3630-33 PANTONE® 1797 C	Bright Violet 3630-158
Autumn Yellow 3630-228	Dark Red 3630-73 PANTONE® 7421 C	Indigo 3630-77
Yellow Rose 3630-130	Cardinal Red 3630-53 PANTONE® 187 C	Royal Blue 3630-87 PANTONE® 274 C
Poppy Orange 3630-144	Regal Red 3630-83	Electric Blue 3630-27
Ramapet Orange 3630-74 PANTONE® 151	Burgundy 3630-84	Blue 3630-36 PANTONE® 281 C
Tangerine 3630-84 PANTONE® 1375 C	Berry Burgundy 3630-208	Patriot Blue 3630-67
Orange 3630-44	Intense Magenta 3630-118 PANTONE® 241 C	Sultan Blue 3630-137 PANTONE® 287 C
Burnt Orange 3630-124	Fuchsia 3630-39	Deep Sea Blue 3630-217
Light Tomato Red 3630-43	Raspberry 3630-133 PANTONE® 200 C	Azure 3630-227

3M™ Scotchcal™ Translucent Graphic Film Series 3630

Get the attention you deserve with films that make your brand look great around the clock.

Light European Blue 3630-147 PANTONE® 7690 C	Blue Coral 3630-016	Lime Green 3630-136 PANTONE® 360 C
Olympic Blue 3630-57	Teal Green 3630-146 PANTONE® 321 C	Brilliant Green 3630-108 PANTONE® 368 C
Process Blue 3630-337	Turquoise 3630-208 PANTONE® 3282 C	Light Lemon Yellow 3630-115
Intense Blue 3630-127 PANTONE® 300 C	Blue Lagoon 3630-98	Ivory 3630-005 PANTONE® 7500 C
Bright Blue 3630-167 PANTONE® 2995 C	Jade Green 3630-208	Light Beige 3630-148
Bristol Blue 3630-87	Dark Emerald Green 3630-126 PANTONE® 2405 C	Warm Beige 3630-39
Sapphire 3630-37	Green 3630-90 PANTONE® 7731 C	Rust Brown 3630-83 PANTONE® 7515 C
Marine Blue 3630-287	Holly Green 3630-76 PANTONE® 1734 C	Dark Brown 3630-59
Twilight Blue 3630-297	KY Blue Grass 3630-578	Duranodic 3630-69 PANTONE® Black 7 C
Infinity Blue 3630-107	Forest 3630-196	Silver 3630-121 PANTONE® 877 C
European Blue 3630-137 PANTONE® 2727 C	Light Kelly Green 3630-146 PANTONE® 360 C	Gold Nugget 3630-141
Glacial Green 3630-56	Vivid Green 3630-136	Gold Metallic 3630-133 PANTONE® 872 C

3M™ Scotchcal™ Translucent Graphic Film Series 3630

Dover White 3630-111	3M™ Scotchcal™ Translucent Graphic Film LO630-20	Dual-Color White 3630-210
White 3630-20	3M™ Envision™ Translucent Film LO730-50	Dual-Color Black 3630-222
Shadow Gray 3630-71 PANTONE® Warm Gray 7 C	3M™ Envision™ Translucent Film LO730-60	Dual-Color Sultan Blue 3630-137
Silver Gray 3630-61	3M™ Scotchcal™ Transparent Graphic Film LO630-114	Chrome 3630-110
Slate Gray 3630-61	3M™ Scotchcal™ Gloss Overlaminate 3690G	White Blockout 3630-209
Black 3630-22 PANTONE® Black C	3M™ Scotchcal™ Matte Overlaminate 3995M	Black Blockout 3630-228
		Day/Night Smoke Gray 3630-81
		Light Enhancement F White 3630-100

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.

To learn more visit 3M.com/graphics.

Color matching steps:

1. Contact your 3M sales representative.
2. 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.

Inkjet Printable Films and Overlaminates

3M™ Scotchcal™ Translucent Graphic Film LO630-20	3M™ Envision™ Translucent Film LO730-50	3M™ Envision™ Translucent Film LO730-60
3M™ Scotchcal™ Transparent Graphic Film LO630-114	3M™ Scotchcal™ Gloss Overlaminate 3690G	3M™ Scotchcal™ Matte Overlaminate 3995M

Optimized to get you noticed.

3M™ Envision™ Flexible Substrate FS-1 is optimized for use with LEDs. In fact, it's engineered to be nearly twice as transmissive.* This means more efficient use of LEDs and energy. At right, see a comparison of 3M™ Envision™ Flexible Substrate FS-1 vs. 3M™ Panagraphics™ III Wide Width Flexible Substrate. Use a light table, window or other light source to compare the light transmission.

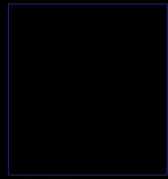
3M™ Light Management Films

Dual-Color White 3630-210	Dual-Color Black 3630-222	Dual-Color Sultan Blue 3630-137
Chrome 3630-110	White Blockout 3630-209	Black Blockout 3630-228
Day/Night Smoke Gray 3630-81	Light Enhancement F White 3630-100	

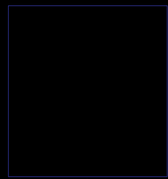
Flexible Substrates — available in roll widths up to 5 meters (197 inches) wide

3M™ Envision™ Flexible Substrate FS-1
3M™ Panagraphics™ III Wide Width Flexible Substrate

Translucent Film on Flexible Substrate Comparison



3M™ Envision™ Flexible Substrate FS-1 with 3M™ Envision™ Translucent Film 3730-36L



3M™ Panagraphics™ III Wide Width Flexible Substrate with 3M™ Scotchcal™ Translucent Graphic Film 3630-36

*Unprocessed 3M™ Envision™ Flexible Substrate FS-1 provides nearly twice the light transmission of unprocessed 3M™ Panagraphics™ III Wide Width Flexible Substrate. See 3M Product Bulletin FS-1 for details.

See your brand in a new light at 3M.com/IlluminatedSigns.

SGP Platinum Patron

PANTONE® Authorized PANTONE Partner

Colors shown on a monitor and when printed are approximate representations of actual color available. Some of these products are a simulation of the closest PANTONE® identified color standard. Consult current PANTONE Color Publications for accurate color.

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.

Warranty and Limited Liability
The following is made in lieu of all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose. All 3M products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in the film or media's Product Bulletin. Also see the 3M Graphics Warranties Bulletin, which gives the terms, additional limitations of the warranty, if any, and limitations of liability.

For warranty information, visit 3M.com/GraphicsWarranties.

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