

Window Graphics Product Guide



Transform ordinary spaces with high-quality,
eye-catching window graphics.

IMAGin® Window Graphics

With the broadest offering on the market, IMAGin delivers industry leading, trusted wide-format media to meet all your window graphic needs. From high-performance and specialty applications to cost-effective promotional products, IMAGin takes you there.

B•free® Window Films

Available in three finishes, these 3.1-mil window films are designed for printed promotional and decorative graphics. All feature Mactac's patented B-free air egress repositionable adhesive which allows for easy dry installation, and clean removability. Designed to be solvent, latex, or UV printed, these films can be used un-laminated or laminated for longer term applications.

Frosted – Translucent, matte frosted finish – the most opaque of the three.

Dusted – Translucent, matte dusted finish – can be reverse printed and applied

Clear – Clear, gloss finish – can also be reverse printed and applied

Verde™ VM3209R

A 2.0 mil clear gloss polyester designed for UV printing. Verde is designed for customers seeking more environmentally friendly window graphic options, as it is non-PVC, free of phthalates and chlorine. It also features a removable optically clear adhesive for truly see through graphics.

JT5999R

A proven window product for over a decade, this 3.1 mil clear gloss vinyl will last up to five years on a window. Featuring a clear removable adhesive, the JT5999R is designed for solvent, latex and UV digital printing. For general purpose window advertisements and decorations.

IMAGin® WindowVIEW™ Perforated Window Films

One-way vision films designed for solvent and UV printing. All feature a white vinyl perforated face with black reverse side coated with clear semi-permanent adhesive.

WV159 – 50/50% hole pattern, 8.0-mil, up to three year durability on transit/vehicles and store fronts

WV139 – 70/30% hole pattern, 6.0-mil, up to two year durability on transit/vehicles and store fronts

WP129 – 60/40% hole pattern, 6.0-mil, up to one year durability on transit/vehicles and store fronts

Mactac®
technology that sticks

MACmark®

Full line of computer cut pressure sensitive options for window décor, window advertisements, and privacy glass applications.

Transparent and Translucent

Glass Décor 700 Series – Translucent vinyls with “dusted” and “frosted” finishes for **etched** or **sandblasted look**. Provides window privacy accents. Now available in five colors.

MACcrystal® 8400 Series – Transparent color vinyl for use in **illuminated signs** and for window decoration. Combine colors to create nearly any color imaginable.

Glass Décor 600 Series – Transparent films detailed with **decorative patterns** suited for interior glass partitions or internal window surfaces. Lines small lines, squares and rice paper, all in gloss finish.

9700PRO – High-performance **translucent** vinyl which provides ultimate color consistency for back lit applications and windows.

Opaque Vinyl

8900PRO – Versatile **removable** marking films for home décor graphics, interior design, and wall words; 8900PRO is cleanly removable for up to two years after application, making it ideal for home window fashions.

8300PRO – The workhorse of Mactac’s computer cut signage vinyls; offering excellent adhesion for wall graphics on flat windows. 8300PRO offers a **beautiful high-gloss finish** at a very competitive price.

9800PRO – Cadmium-free durable vinyl with enhanced **high-gloss** finish. A cost saving alternative for long-term window applications.

5700 Series – Microscopic glass beads with metalized back create a **reflective** surface that is visible night and day.

6800 Series – Short-term **fluorescent** film for indoor or outdoor applications where high-impact color is needed.

6600 Series – Premium high gloss film designed for **long-term window applications** up to ten years.

IMAGin® Window Films



Category	B-free® Window Films		
Product	Frosted	Dusted	Gloss
Product Code	JT5796M BF	JT5798M BF	JT5999M BF
Face	Frosted Translucent Vinyl	Dusted Translucent Vinyl	Gloss Clear Vinyl
Thickness, Film and Adhesive	3.1 mils	3.1 mils	3.1 mils
Adhesive	Bubble-free Acrylic	Bubble-free Acrylic	Bubble-free Acrylic
Liner	80# Polycoated	80# Polycoated	80# Polycoated
Width	54"	54"	54"
Unprinted Outdoor Durability	Five Years	Five Years	Five Years
Indoor Durability	Five to Seven Years		
Surface Burning Characteristics	ASTM E84-01, ANSI/NFPA255, UC88-1		
Minimum Application Temperature	+50°F (+10°C)	+50°F (+10°C)	+50°F (+10°C)
Usage Temperature Range	-40°F to 194°F (-40°C to 90°C)	-40°F to 194°F (-40°C to 90°C)	-40°F to 194°F (-40°C to 90°C)
Window Application	Dry Only		
Other Applications	Lightboxes		
Recommended Laminate	PERMACOLOR® RAYZor™ ColorGard™ LUV		
Choose for:	Ease of Application		





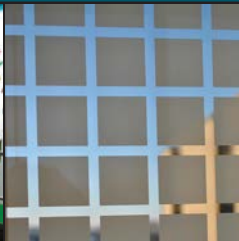

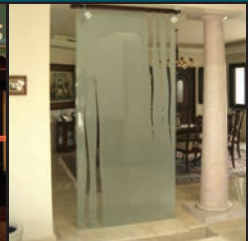
				
IMAGin®	IMAGin VERDE™	IMAGin WindowVIEW™		
Clear	Clear	Window Perf	Window Perf	Window Perf
JT5999R	VM3209R	WV159	WV139	WP129
Gloss Clear Vinyl	Gloss, Clear, Scratch-resistant Topcoated Polyester	Soft white vinyl with black reverse and perforated 50%	Soft white vinyl with black reverse and perforated 30%	Soft white vinyl with black reverse and perforated 40%
3.1 mils	2.0 mils	8.0 mils	6.0 mils	6.0 mils
Acrylic Removable	Optically-clear Removable Acrylic	Semi-permanent Clear Acrylic	Removable Clear Acrylic	Semi-permanent Clear Acrylic
86# Kraft	1.4 mil Clear Polyester	7.0 mil Clear	6.0 mil Paper	86# White Kraft
54"	60"	54"	54"	54"
Five Years	Up to Two Years	3 Years	18 Months	1 Year
Five Years	Two Years	3 Years	Up to 2 Years	1 Year
+50°F (+10°C)	40°F (5°C)	+50°F (+10°C)	+50°F (+10°C)	+50°F (+10°C)
-40°F to 158°F (-40°C to 70°C)	-40°F to 212°F (-40°C to 100°C)	0°F to 140°F (17°C to 60°C)	0°F to 140°F (17°C to 60°C)	0°F to 140°F (17°C to 60°C)
Wet or Dry	Wet	Dry Only	Dry Only	Dry Only
Floor Graphics		Transit & Vehicle	Transit & Vehicle	Transit & Vehicle
ColorGard LUV & PERMACOLOR RAYZor	PERMACOLOR RAYZor	PERMACOLOR RAYZor LF3648	PERMACOLOR RAYZor LF3648 & ColorGard LUV	PERMACOLOR RAYZor LF3648 & ColorGard LUV
Cleanly Removable Signage	More Sustainable, Removable P.O.P. Signage in Windows	One-way Vision Applications	One-way Vision Applications	One-way Vision Applications

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MACmark® Window Films

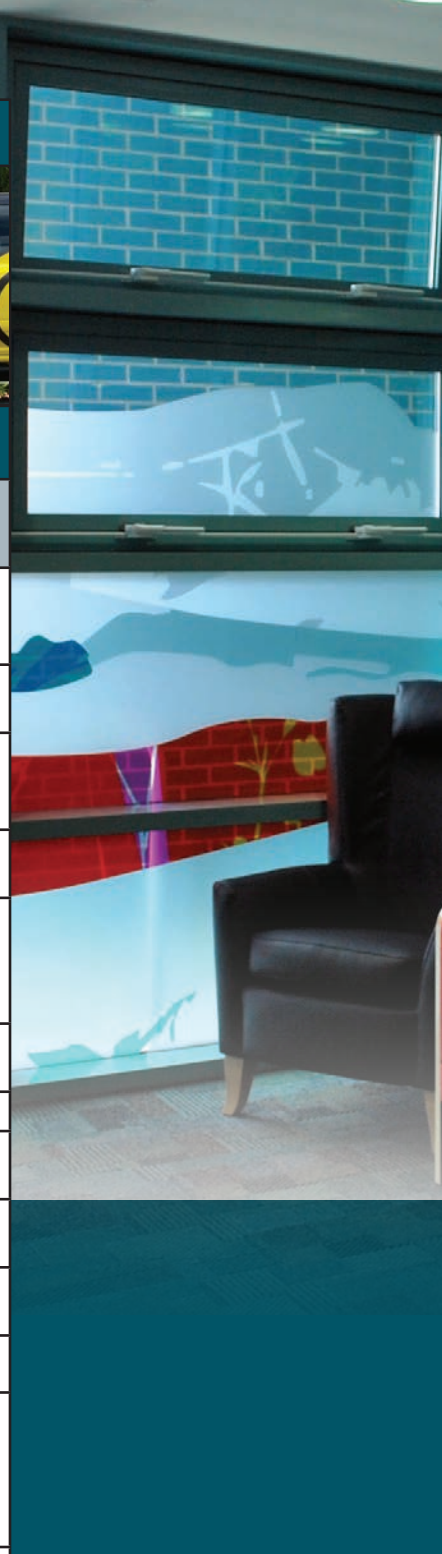
					
Product	Glass Décor 700	MACcrystal® 8400	Glass Décor 600	8900 Pro Series	8300 Pro Series
Colors	5 Matte Colors 2 Matte Finishes	16 Gloss Colors	4 Designs	54 Matte 2 Gloss	51 Gloss 2 Matte
Face	Polymeric Translucent Stabilized Vinyl	Transparent Gloss Vinyl	Transparent Polyester Printed in a Frosted Pattern	Calendared Soft Vinyl	Polymeric Calendared High Gloss Vinyl
Thickness, Film and Adhesive	4.5/3.0 Mils	4.2/3.1 Mils	3.6/1.5 Mils	3.5/2.8 Mils	3.7/2.8 Mils
Adhesive	Permanent Transparent Solvent Acrylic	Transparent and Smooth Permanent Acrylic	Ultra Clear Permanent Solvent Acrylic		Permanent Solvent Acrylic
Liner	83# Bleached White Kraft Liner	83# Bleached White Kraft Liner	1.5 mil Transparent Liner	83# Bleached White Kraft Liner	83# Bleached White Kraft Liner
Width	24", 48" and 60" Frosted and Dusted. 24" and 48" Soft Pastel Colors.	48"	48"	24" and 48"	15", 24", 30", 48" and 60". Punched sizes: 15" and 30".
Unprinted Outdoor Durability	Up to five years	Up to three years	Indoor Only	Up to five years	Up to five years
Indoor Durability	Up to five years	Up to three years	Up to five years	Up to five years	Up to five years
Surface Burning Characteristics	ISO 3795	ISO 3795		ISO 3795	ISO 3795
Minimum Application Temperature	50° (+10°)	50° (+10°)	50° (+10°)	32° (0°)	50° (+10°)
Usage Temperature Range	-40° to 194°F (-40° to 90°C)	-40° to 158°F (-40° to 70°C)	-40° to 194°F (-40° to 90°C)	-40° to 158°F (-40° to 70°C)	-40° to 158°F (-40° to 70°C)
Window Application	Wet or Dry	Wet or Dry	Wet or Dry	Dry only	Wet or Dry
Other Applications	Interior glass partitions and privacy accents	Illuminated Signs	Interior glass partitions and tables	Home and commercial wall décor and P.O.P.	Promotional signage
Choose for:	Choice of finishes and colors. Ease of weeding and application	Wide choice of colors and ease of weeding and application	Clarity and striking patterns	Choice of latest fashion colors and ease of weeding and application	Economical and ease of weeding and application

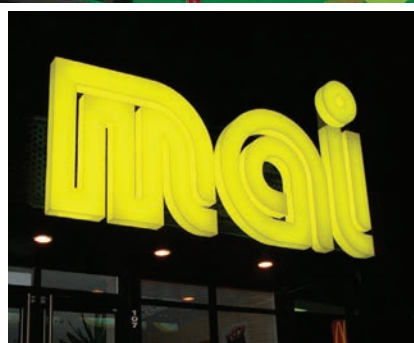
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9700 Pro Series	9800 Pro Series	5700 Reflective	6800 Fluorescents	6600 Series
34 Matte	50 Gloss 6 Luminous 2 Matte	7 Colors	6 Fluorescents	63 Gloss 22 Metallic 2 Matte
Polymeric Calendared Translucent Vinyl	High-Gloss Polymeric Calendared Vinyl	Reflective Polymeric Vinyl	Cast Vinyl	Premium High-Gloss Cast Vinyl
4.5/3.0 Mils	3.7/2.8 Mils	6.0 Mils	3.5 Mils	3.2/2.0 Mils
Permanent Solvent Acrylic	Permanent Acrylic	White High Strength Permanent Acrylic	Permanent Solvent Acrylic	Clear Permanent Solvent Acrylic
83# Bleached White Kraft Liner	83# Bleached White Kraft Liner	83# Bleached White Kraft Liner	78# Bleached White Kraft Liner	78# Bleached White Kraft Liner
15", 24", 30", 48" and 60". Punched sizes: 15" and 30".	15", 24", 30", 48" and 60". Punched sizes: 15" and 30".	15", 24", 30", 48" and 60". Punched sizes: 15" and 30".	48"	48"
Up to five years	Up to eight years	Up to seven years	Up to six months	Up to 10 years
Up to five years	Up to eight years	Up to seven years	Up to six months	Up to 10 years
ISO 3795	ISO 3795	ISO 3795		
50° (+10°)	45° (+8°)	50° (+10°)	40° (+5°)	40° (+5°)
-40° to 194°F (-40° to 90°C)	-40° to 194°F (-40° to 90°C)	-40° to 194°F (-40° to 90°C)	-50° to 225°F (-45° to 107°C)	-40° to 194°F (-40° to 90°C)
Wet or Dry	Wet or Dry	Wet or Dry	Wet or Dry	Wet or Dry
Backlit signs, thermoform signs and awnings	Long-term outdoor advertising, fleet marking over simple curves and rivets	Night and day visibility signage and vehicle markings	Short-term attention getting applications such as P.O.P. and racing decals	Fleet marking with rivets and irregular surfaces
Ultimate color consistency and ease of weeding and application	High Gloss and ease of weeding and application	Excellent day or night visibility and ease of weeding and application	Bright fluorescent colors and ease of weeding and application	Durability and ease of weeding and application





Open Image Warranty™ for Mactac® Media and Laminates:

You make the choice of printer and ink that are best for your business and Mactac will be the partner that stands behind you. Simply provide us with your system and if we have not already tested the combination, we'll run a comprehensive series of tests to insure the system works and then warrant your application. If we find the components are not compatible we'll let you know that, too, and make alternative recommendations. It's that simple!

We stand behind you. And, we work with the most popular printer and ink suppliers to ensure product compatibility and durability.

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