

Application Guide | Windows



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



September 2018

MyBinding.com
5500 NE Moore Court
Hillsboro, OR 97124
Toll Free: 1-800-944-4573
Local: 503-640-5920

mactac®
A LINTEC COMPANY



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.

IMAGin® Window Films										
Category	B-free® Window Films			IMAGin®	IMAGin VERDE™	WindowVIEW®			WindowVIEW® Cling	
Product/Colors	Frosted	Dusted	Gloss	Clear	Clear	Window Perf	Window Perf	Window Perf	White	Clear
Product Code	JT5796MBF	JT5798MBF	JT5999MBF	JX999R	VM3209R	WV159	WV139	WP129	WVC109	WVC199
Face	Frosted Translucent Vinyl	Dusted Translucent Vinyl	Gloss Clear Vinyl	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%	White vinyl with cling properties.	Clear vinyl with cling properties.
Thickness, Film and Adhesive	3.1 mils	3.1 mils	3.1 mils	2.6 mils	2.0 mils	8.0 mils	6.0 mils	6.0 mils	7.0 mils	7.0 mils
Adhesive	Bubble-free Acrylic	Bubble-free Acrylic	Bubble-free Acrylic	Acrylic Removable	Optically-clear Removable Acrylic	Semi-permanent Clear Acrylic	Removable Clear Acrylic	Semi-permanent Clear Acrylic	Non-adhesive cling	Non-adhesive cling
Liner	80# Polycoated	80# Polycoated	80# Polycoated	86# Kraft	1.4 mil Clear Polyester	7.0 mil Clear	6.0 mil Paper	86# White Kraft	8pt Paper	8pt Paper
Width	54”	54”	54”	54”	60”	54”	54”	54”	54”	54”
Unprinted Outdoor Durability	Five Years	Five Years	Five Years	Five Years	Up to Two Years	3 Years	18 Months	1 Year	6 Months	6 Months
Indoor Durability	Five to Seven Years			Five Years	Two Years	3 Years	Up to 2 Years	1 Year	6 Months	6 Months
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)	+50°F (+10°C)	40°F (5°C)	+50°F (+10°C)	+50°F (+10°C)	+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)	-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)	0°F to 140°F (17°C to 60°C)	0°F to 140°F (17°C to 60°C)
Window Application	Dry Only	Dry Only	Dry Only	Wet or Dry	Wet	Dry Only	Dry Only	Dry Only	Wet or Dry	Wet or Dry
Other Applications	Lightboxes	Lightboxes		Floor Graphics		Transit & Vehicle	Transit & Vehicle	Transit & Vehicle	Signage & Vehicles	Signage & Vehicles
Choose for:	Ease of Application			Cleanly Removable Signage	UV Inkjet Sustainable, Removable P.O.P. Signage in Windows	One-way Vision Applications	One-way Vision Applications	One-way Vision Applications	Oil Change Decals, Short-term Windows	Oil Change Decals, Short-term Windows
Recommended Laminate										
PERMACOLOR® RAYZor™	■	■	■	■	■				Not Recommended	
PERMACOLOR® RAYZor™ LF3648						■	■	■		
ColorGard™ LUV	■	■	■	■			■	■		



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

MACmark® Window Films								
Glass Décor 700	MACcrystal® 8400	8900 Pro Series	8300 Pro Series	9700 Pro Series	9800 Pro Series	5700 Reflective	6800 Fluorescents	6600 Series
5 Matte Colors 2 Matte Finishes	17 Gloss Colors	64 Matte 15 Gloss	49 Gloss 2 Matte	30 Matte	50 Gloss 6 Luminous 2 Matte	8 Colors	6 luorescents	63 Gloss 22 Metallic 2 Matte
Polymeric Translucent Stabilized Vinyl	Transparent Gloss Vinyl	Calendared Soft Vinyl	Polymeric Calendared High Gloss Vinyl	Polymeric Calendared Translucent Vinyl	High-Gloss Polymeric Calendared Vinyl	Reflective Polymeric Vinyl	Cast Vinyl	Premium High-Gloss Cast Vinyl
4.5/3.0 mils	4.2/3.1 mils	3.5/2.8 mils	3.7/2.8 mils	4.5/3.0 mils	3.7/2.8 mils	6.0 mils	3.5 mils	3.2/2.0 mils
Permanent Transparent Solvent Acrylic	Transparent and Smooth Permanent Acrylic		Permanent Solvent Acrylic	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	83# Bleached White Kraft Liner	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
24", 48" and 60" Frosted and Dusted. 24" and 48" Soft Pastel Colors.	48"	24" and 48"	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".	15", 24", 30", 48" and 60". Punched sizes: 15" and 30".	48"	48"
Up to five years	Up to three years	Up to five years	Up to five years	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 three years	Up to five years	Up to five 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	ISO 3795	ISO 3795	ISO 3795	ISO 3795		
50° (+10°)	50° (+10°)	32° (0°)	50° (+10°)	50° (+10°)	45° (+8°)	50° (+10°)	40° (+5°)	40° (+5°)
-40° to 194°F (-40° to 90°C)	-40° to 158°F (-40° to 70°C)	-40° to 158°F (-40° to 70°C)	-40° to 158°F (-40° to 70°C)	-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	Dry only	Wet or Dry	Wet or Dry	Wet or Dry	Wet or Dry	Wet or Dry	Wet or Dry
Interior glass partitions and privacy accents	Illuminated Signs	Home and commercial wall décor and P.O.P.	Promotional signage	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

MyBinding.com
5500 NE Moore Court
Hillsboro, OR 97124
Toll Free: 1-800-944-4573
Local: 503-640-5920



IMAGin® Window Graphics

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.

JX999R A proven window product for over a decade, this 2.6 mil clear gloss vinyl will last up to five years on a window. Featuring a clear removable adhesive, the JX999R is designed for solvent, latex and UV digital printing. For general purpose window advertisements and decorations.

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

WindowVIEW Cling WVC109/WVC199 – These non-adhesive backed films are designed for short-term window signage. Available in gloss white(WVC109) and clear (WVC199).

MACmark®

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.

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

8900PRO Series – 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 Series – 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 Series – 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.

Open Image WarrantySM 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.

MyBinding.com
5500 NE Moore Court
Hillsboro, OR 97124
Toll Free: 1-800-944-4573
Local: 503-640-5920

