Solutions that Stick
Wide-Format Media and Applications Guide

WEIS CENTER
FOR THE PERFORMING ARTS

TRY Sammy's

mactac
A LINTEC COMPANY

ADVENTURE

windows

walls

floors

surfaces

vehicles

signage

Simply Sustainable

Windows, Walls, Floors and More!

mactac®
A LINTEC COMPANY

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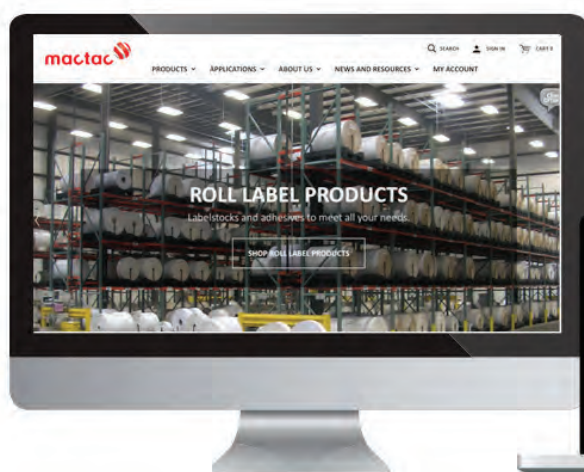
Check out our website, optimized for desktop and mobile platforms.

mactac.com

Features

B•free® Window Films are translucent frosted, dusted and clear 3.1 mil polymeric vinyls with clear acrylic omni-directional bubble-free adhesive on an 80# polycoated layflat liner for no mess printed window applications for interior or exterior decoration.

Benefits

B•free Window Films quickly gained notoriety for one simple reason it eliminated the necessity of wet application. With patented micro-structured bubble-free adhesive Mactac graphics can be applied dry with virtually no distortion of the printed graphic, saving time and money.

Product	Finish	Width	Length	Adhesive	Liner
JJ5796MBFv2	Frosted	54"	75'	B•free	80# PCK
JX5796MBFv2	Frosted	54"	150'	B•free	80# PCK
JJ5798MBFv2	Dusted	54"	75'	B•free	80# PCK
JX5798MBFv2	Dusted	54"	150'	B•free	80# PCK
JJ5999MBFv2	Clear	54"	75'	B•free	80# PCK
JX5999MBFv2	Clear	54"	150'	B•free	80# PCK

Durability

Five year outdoor durability, seven years indoors

Printing

Eco-Solvent, Solvent, Latex, UV Inkjet

Applications

Digitally printed window film applications for interior or exterior decoration, privacy or etched glass graphics

Tech Guide

Visit the Mactac NA channel on YouTube for a video demo on window graphic application.

Recommended Overlaminates

No Lamination Needed!

Helpful Tips

B-Free Window Films are for printed and unprinted Glass. **Use Felt Squeegees and light touch for installs.**

roughrap®

Features

Roughrap® is a 2.0 mil soft white gloss cast vinyl. It is highly conformable to provide a paint-like effect when applied to textured brick and concrete walls. The high-tack permanent adhesive is engineered with a low profile to leave no adhesive behind, but provide an ultimate bond until ready to be removed. Pair with Rayzor™ overlaminate for the thinnest construction available for exterior decoration.

Benefits

Roughrap has the industry's longest warranty for rough textured wall graphics at eighteen months and the industry's preferred matte laminate, Rayzor matte, for interior graphics where a professional no glare look is preferred.

Part Number	Finish	Width	Length	Adhesive	Liner
RR100W54L75	Gloss White	54"	75'	High-Tack Permanent	90# LFP
RR100W54L150	Gloss White	54"	150'	High-Tack Permanent	90# LFP

Durability

18 month durability for exterior brick and concrete walls, five years indoors

Printing

Eco-Solvent, Solvent, Screen, Latex

Applications

Brick walls for corporate, retail, sports venues, community events, schools, and conventions

Tech Guide

TA2102 **Guide** for installing Roughrap

TA2032 **Guide** for Surface Preparation

Visit the Mactac NA channel on YouTube for a video demo on rough wall graphic application.

Recommended Overlaminates

Rayzor	Application	Finish	Width	Length
LF3648GL75	Rough Walls	Gloss	54"	75'
LF3648G	Rough Walls	Gloss	54"	150'
LF3638GL75	Rough Walls	Matte	54"	75'
LF3638G	Rough Walls	Matte	54"	150'

Helpful Tips

Roughrap requires a dry application surface, and must be heated thoroughly to 220˚F minimum to ensure a perfect installation.

For optimal installation and removal use one of our Rayzor overlaminates.

roodle®

Features

Roodle® is a 6.0 mil semi-rigid, matte white vinyl designed for tileable wall graphics, decals, bumper stickers and general purpose interior decoration. Roodle is semi-rigid, so it is perfect for easy application and can be applied laminated or without lamination. Supplied on a 90# SuperFlat™ polycoated liner, Roodle is stable for all recommended printing processes.

Benefits

Roodle has a thick 6.0 mil semi-rigid face stock which makes it very easy to install. It is cleanly removable for up to two years, and meets all requirements for flame spread and smoke density specifications for ANSI/NFPA - Class A and IBC-Class A. Phthalates free and child safe.

Product	Finish	Width	Length	Adhesive	Liner
RO628W54L100	Matte	54"	100'	Removable	90# LFP
RO628W60L100	Matte	60"	100'	Removable	90# LFP

Durability

Four year outdoor durability, five years indoors

Printing

Eco-Solvent, Solvent, UV inkjet, UV gel, Screen, Latex

Applications

For use with all intermediate edge to edge wall murals and other easy to apply removable applications, like elevator doors
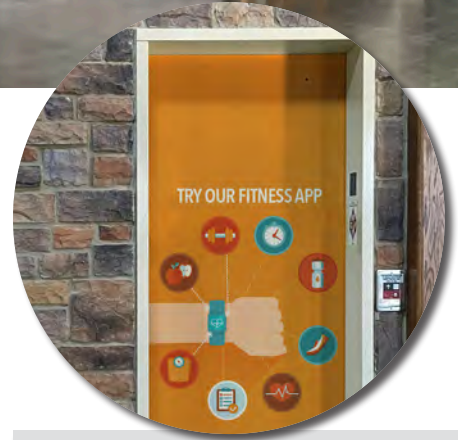
Tech Guide

TA2500 **Guide** for Drywall application instructions

▶ Visit the Mactac NA channel on YouTube for a video demo on wall graphic application.

Recommended Overlaminates

Colorgard® LUV	Application	Finish	Width	Length
LUV8054	Wall	Gloss	54"	150'
LUV8254	Wall	Matte	54"	150'
LUV8354	Wall	Luster	54"	75'

Helpful Tips

Choose Roodle for all of your removable wall mural needs when a strong, cleanly removable adhesive is required. As painted drywall can be a tricky substrate to stick to, please always ask for a paint specification, check it against the technical assistance guide and test first.

Wallnoodle, Roodle and Permanoodle meet ANSI Class A and ICB Class 1 for flame spread and smoke density, tested under ASTM E-84 as well as latest compliance requirements with UL 10b and 10c certification.

wallnoodle®

Features

Wallnoodle® is a 6.0 mil semi-rigid, matte white vinyl designed for repositionable and removable wall posters decals and stickers. It is recommended that you do not use a laminate with Wallnoodle. Supplied on a 90# SuperFlat™ liner, Wallnoodle is stable for all recommended printing processes.

Benefits

Customers specify Wallnoodle as a proven product for repositionable and removable wall posters. Mactac has mastered the balance between microsphere adhesive and release characteristics to ensure that you will never see tunneling off of your printer or during installation. Phthalates free and child safe.

Product	Finish	Width	Length	Adhesive	Liner
WN628W54	Matte	54"	100'	Ultra-removable	90# LFP
WN628W60	Matte	60"	100'	Ultra-removable	90# LFP

Durability

Six months to one year of indoor durability

Printing

Eco-Solvent, Solvent, UV inkjet, UV gel, Screen, Latex

Applications

Short-term wall posters, decals, bumper stickers and interior hand applied direction signage and short-term POP signs

Tech Guide

TA2500 **Guide** for Drywall application instructions

Visit the Mactac NA channel on YouTube for a video demo on wall graphic application.

Recommended Overlaminates

Lamination is not recommended for Wallnoodle due to the weight of the total construction versus the light tack strength of the adhesive. As Wallnoodle is a short-term application, lamination should not be required.

Helpful Tips

Wallnoodle has a permanent counterpart, called Permanoodle. PN628 is perfect for barrier graphics and other signage projects where a thick, easy to apply product is requested.

Also, do not try to print edge to edge with Wallnoodle, unless you are using a latex printer. solvent printers will cause edge lifting on your graphic, due to the light tack of the Wallnoodle adhesive.

Features

Streetrap®, STR328 is a 4.0 mil opaque matte white vinyl with an aggressive, thick layer of high-tack adhesive for applications that are hard to stick to, like unsealed pedestrian concrete or asphalt sidewalks or smooth to slightly textured walls. Streetrap comes with the industry's favorite Mactac 90# SuperFlat™ liner which makes it ideal as a multi-print media for all wide-format hardware.

Benefits

Streetrap is the leading industry product for concrete sidewalks applications paired with Colorgard® Floor PF6600 overlaminate for wet and dry applications. It has been used successfully for major events in North America such as marathons, festivals, and sporting events.

It is also an ideal choice for many high-tack applications like low surface energy plastic, vending, kiosk powder-coated paints, and cement walls. Use Colorgard LUV for overlaminate for walls and other applications.

Part Number	Finish	Width	Length	Adhesive	Liner
STR328L50	Matte White	54"	50'	High-Tack Permanent	90# LFP
STR328L100		54"	100'		
STR328W54		54"	150'		

Durability

Three months up to one year durability for floors when paired with PF6600 and five years on vertical surfaces

Printing

Eco-Solvent, Solvent, UV Inkjet, UV Gel, Screen, Latex

Applications

Untreated concrete for retail, tradeshows, sports venues, community events, conventions

Tech Guide

TA2040 **Guide** for installing Floor Graphics, including Streetrap

TA2032 **Guide** for Surface Prep

Visit the Mactac® NA channel on YouTube for a video demo on concrete sidewalk application.

Recommended Overlaminates

Product	Application	Finish	Width	Length
PF6600	Outdoor Slip-resistant Floors	Textured	54"	150'
PF6354L100	Slip-resistant Floors	Textured	54"	100'
LUV8254	Wall	Matte	54"	150'
LUV8354	Wall	Luster	54"	150'
LUV8054	Wall	High-Gloss	54"	150'

Helpful Tips

Streetrap is removable on unsealed sidewalks and walls, but is also an excellent option where high-tack permanent applications are desired.

Colorgard Floor PF6600 is the only laminate certified by ANSI/NSFI for B101.3 & B101.1, high traction under wet conditions!

NFSI ✓ HIGH-TRACTION

Features

Rebel®H is a high-performance 4.0 mil polymeric vinyl built to be the most versatile print media on the market. 100% opaque, matte white facestock provides complete block-out and cover up, and the clear, high-tack permanent adhesive ensures that when it absolutely, positively has to stick, it will. 90# SuperFlat™ liner for superior lay flat on a variety of hardware makes Rebel the most versatile for any operation. Also available in a very unique Gloss Clear version for OEM Decals.

Benefits

Rebel H is different by design. The opacity is built into the face stock so you have no gray adhesive to dull the film's white point. You get the opacity you need, without diluting the strength of the adhesive with gray filler. The adhesive is clear, and strong, and is proven to have more tack and peel than the competition. Wrap it up with Mactac SuperFlat 90# liner for a true multi-print media, and you have the one product that customers ask for when it absolutely has to stick.

Product	Finish	Width	Length	Adhesive	Liner
RB528HW54L75	Matte White	54"	75'	High-Tack Permanent	90# LFP
RB528HW54L150	Matte White	54"	150'	High-Tack Permanent	90# LFP
RB528HW60L150	Matte White	60"	150'	High-Tack Permanent	90# LFP
RB599HW54L150	Gloss Clear	54"	150'	High-Tack Permanent	90# LFP

Durability

Five year outdoor durability

Printing

Eco-Solvent, Solvent, Latex, Screen, UV Inkjet, UV gel

Applications

Board mounting to HDPE, primed MDO, Sintra, primed MDO for barricades, powder-coated paint, general signage applications and durable decals

Tech Guide

▶ Visit the Mactac NA channel on YouTube for a video demo on wall graphic application.

Recommended Overlaminates

Product	Application	Finish	Width	Length
LUV8054	Wall	Gloss	54"	150'
LUV8254	Wall	Matte	54"	150'
LUV8354	Wall	Luster	54"	150'

Helpful Tips

The Mactac Rebel line is an entire family of products with a true strong removable and permanent option as well.

Rebel H sticks to **low VOC paints** too!

printvinyl™ printvinyl™gray   Economy Signage

Features

Printvinyl is a 3.9 mil soft calendered vinyl print media designed for exceptional print quality and adhesion to all common mounting substrates. Clear permanent acrylic and gray, opaque adhesives and a 78# clay coated liner makes Printvinyl ideal for general purpose indoor and outdoor advertising and promotional projects where quality, durability and economy are the main factors.

Benefits

Printvinyl is a rare find for printers that are looking for a three to five year durable print media at an economy price that does not sacrifice quality. Printvinyl prints exceptionally well, and the adhesive is strong, meaning that it will stick to substrates like stainless steel and aluminum, but also Sintra®, Gator® and many other surfaces.

Product	Finish	Width	Length	Adhesive	=Liner
PVG328P	Matte White	54", 60"	150'	Gray, Opaque, Perm.	78# CCK
PVG329P	Gloss White	54"	150'		
PVG528P	Matte White	54"	150'		90# LFP
PVG529P	Gloss White	54"	150'		
PVG528HT	Matte White	54"	150'	Gray, Opaque, Perm.	90# LFP
PV328P	Matte White	54", 60"	150'	Clear Perm.	78# CCK
PV328R	Matte White	54"	150'	Clear Rem.	
PV529R	Gloss White Opaque	54"	150'	Clear Rem.	90# LFP

Durability

Three to five year outdoor durability

Printing

Solvent, Latex, UV

Applications

General purpose indoor and outdoor signage for flat or slightly curved surfaces

Recommended Overlaminates

Colorgard Promo	Application	Finish	Width	Length
PG7054	POP	Gloss	54"	150'
PG7254	POP	Matte	54"	150'
PG7354	POP	Luster	54"	150'

Helpful Tips

For an economy solution that needs to be removable or more opaque with a gray adhesive, try Printvinyl Gray removable or permanent. Which is also available in matte and gloss white finishes.

printvinyl™ scored

Adhesive

Scored Liner
(1.25" Spacing - Length of Roll**)

Vinyl Face

** Blue line is not printed on roll just represents the liner scores.

Features

Printvinyl™ Scored, the first of its kind for the wide format graphics industry. The products feature a scored liner for screen and wide format printers. Our Prinvinyl film is recognized for its proven quality and consistent printability.

Scores 1.25" apart to allow maximum flexibility for the end user to bend and break, exposing the edge of the liner for hassle-free removability. Branding or additional text can be printed on the liner for ease of use.

Product	Finish	Width	Length	Adhesive	Liner
PVS528P	Matte	60"	150'	Permanent	78# CCK Scored
PVS528UR	Matte	60"	150'	Ultra-Removable	78# CCK Scored

Durability

Five years

Printing

Eco-Solvent, Solvent, UV Inkjet, Screen, Latex

Applications

Decals, product identification, promotional labels, bumper stickers, game pieces, POP displays, window and wall graphics

Tech Guide

Visit the Mactac website for more information and Performance Guides, www.mactac.com/printvinylscored.

Visit the Mactac NA channel on YouTube for a video demo on wall graphic application.

Helpful Tips

Easy-to-remove liner helps with the hinge method during installation. The installer can remove one strip of the scored liner or a whole section at a time.

Features

Gruv Slidable air-egress wrap media (GV929v2BFD) offers a beautiful finish and outstanding printability **which is** ideal for vehicle wraps, fleet and marine graphics, as well as long term signage.

Gruv Wrap (GV729) is a high-performance, thinner and more conformable vinyl print media designed for partial wraps, flat and simple curves and long term signage, GV729 combines usability and economics.

Benefits

The Gruv 929v2 specifically addresses the customer's need for a quality high performance air-egress product where durability, conformability, and ease of application are essential.

Product	Finish	Width	Length	Adhesive	Liner
GVC929v2BFD	Gloss	54"	150'	Perm	90# Air-egress
GV729R	Gloss	54"	75'	Rem	
GV729P	Gloss	54"	75'	Perm	

Durability

Nine years for GV929, seven years for GV729

Printing

Eco-Solvent, Solvent, UV Inkjet, Screen, Latex

Applications

Fleet vehicles, full and partial wraps

Tech Guide

TA2501 Guide for application

Recommended Overlaminates

Rayzor	Application	Finish	Width	Length
LF3648GL75	Rough Walls	Gloss	54"	75'
LF3648G	Rough Walls	Gloss	54"	150'
LF3638GL75	Rough Walls	Matte	54"	75'
LF3638G	Rough Walls	Matte	54"	150'

Helpful Tips

Gruv929v2BFD has an excellent print surface and handle-ability.

Gruv929v2BFD is used extensively for high-performance interior border signage in retail environments.

colorgard®luv

Features

Customers prefer Colorgard® LUV as their quality intermediate overlaminate. The Colorgard laminate range is a 3.2 mil blended polymeric calendared vinyl that includes inhibitors that protect it from UV light. The permanent acrylic adhesive is specially designed for UV inks and is recommended for all digitally printed medias, whether for indoor or outdoor application, up to four years.

Benefits

Colorgard adhesive is a proprietary Mactac formulation that was developed specifically for UV inks. The softness and viscosity of the adhesive allows it to flow into the channels that UV ink creates, and provides an impressive lamination with virtually no silvering right off of the laminator. Combined with exceptional adhesive anchorage, there is no other need for a premium intermediate laminate for quality print image protection.

Colorgard LUV	Application	Finish	Width	Length
LUV8054	Wall	Gloss	54", 60"	75', 150'
LUV8254	Wall	Matte	54", 60"	75', 150'
LUV8354	Wall	Luster	54", 60"	75', 150'

Durability

Five to seven year outdoor durability

Printing

Designed for use with all print formats, including UV inks

Applications

For use with all intermediate image protection needs, up to four year durability

Tech Guide

TA2044 Guide for Cold Lamination Procedures

Colorgard LUV laminates are for all print methods, including UV inkjet!

Helpful Tips

Colorgard LUV has some very impressive technical benefits, including the lowest Delta E, or color shift, amongst the leading competitors. This means when you laminate with Colorgard LUV, your image stays as intended, it does not vary. Now you know why we call it Colorgard!

permahold®

Features

CT2200 - Optically clear mounting film engineered to face-mount or back-mount transparencies and other graphic images to glass, Plexiglas, or other clear or translucent substrates. It contains UV inhibitors to help protect the image.

IP5000 - Opaque white polypropylene carrier double-coated with a high-tack, high-bond acrylic adhesive for mounting graphics to various mounting boards and other surfaces.

PP5000 - Economical, general purpose, high-bond rubber-based adhesive mounting films with a choice of an opaque white PET carrier and a clear PET.

PUV3100 - Optically clear mounting films are engineered to face-mount or back-mount transparencies and other graphic images to glass, Plexiglas, and other clear or translucent substrates. It contains UV inhibitors to help protect the image.

Product	Carrier	Width	Length	Adhesive	Liner
CT2251L150	2.0 mil PET	51"	150'	Permanent/ Removable	80# PCK
CT2254L150		54"	150'		80# PCK
IP5015	1.8 mil White Opaque	25"	150'	Permanent/ Permanent	Polycoated Kraft
IP5007		37"	150'		
IP5008		38"	150'		
IP5002		51"	150'		
IP5001		51"	400'		
IP5040		60"	150'		
PP5051L150	1.5 mil White PP	51"	150'	Rubber-based Permanent/ Permanent	White Polycoated Paper
PP5051L400		51"	400'		
PP5054L150		54"	150'		
PP5054L400		54"	400'		
PP5654L150	0.5 mil Clear PET	54"	150'	Rubber-based Permanent/ Permanent	White Polycoated Paper
PP5654L400		54"	400'		
PP5651L150		51"	150'		
PP5651L400		51"	400'		
PUV3141W41L150	3.2 mil PET	41"	150'	Permanent/ Permanent	2.0 mil PET
PUV3151W51L150		51"	150'		
PUV3151W51L265		41"	150'		
PUV3161W61L150		51"	150'		

Applications

Mounted signage and fine art prints

Simply Sustainable®

Features

Simply Sustainable® products are created with a unique polymer technology that delivers notable benefits over traditional static cling products or similar PVC-based products. The product line offers removable and permanent products.

Benefits

Simply Sustainable Opaque (SS129) designed for medium-term advertising on glass surfaces such as windows, displays and signboards, this block-out PP film can be printed with UV inkjet printers. It is top-coated and protected with a 50# bleach glassine liner.

Simply Sustainable Crystal Cling (SS299) offers excellent clarity and print compatibility with UV and latex inkjet printers. It features a 3.0 mil polyester traction back release liner and is intended for short- to medium-term advertising on glass surfaces such as windows, displays and signboards.

Simply Sustainable Magic Cling is available in gloss clear (SS29) or gloss white (SS99) is designed to cling to any smooth glass surface, including windows, office doors, display cases or beverage coolers. It also works well on other smooth, glossy plastic and shiny metal surfaces. It is supplied with a 90# poly-coated layflat liner for ease of processing and handling and can be printed with conventional screen and offset, UV screen and offset, UV inkjet and latex printers.

Product	Finish	Width	Length	Adhesive	Liner
SS129W	Gloss White PP	54"	150'	Perm	50# G
SS299W	Gloss Clear PET	54"	150'	Low Tack Rem.	3.0 mil PET
SS99W	Gloss White PP	54"	150'	Low Tack Rem.	90# LFP
SS29W	Gloss Clear PP	54"	150'		

Durability

Two to three years indoor

Printing

Eco-Solvent, Solvent, UV Inkjet, Screen, Latex

Applications

Simply Sustainable products can be applied using wet or dry application methods and function well at a wide range of temperatures.

Helpful Tips

Mactac recommends customers contact their local waste management deal to quality products for recyclability prior to recycling.

Adhesives and Technologies

For more than 60 years, Mactac has been a global leader in manufacturing adhesive products used for visual communication, signage, decoration, labeling and the packaging and assembly industry. As one of the world's largest adhesive manufacturers, we design and consume proprietary solvent, emulsion and hot-melt adhesives, so you can be sure that your Mactac products can be applied and removed for their intended applications.

Thanks to rigorous quality control, we can offer our Open-Image Warranty^{SM} that guarantees consistent product quality and durability. Prestigious brands in the United States, Canada, and Mexico, choose Mactac for their visual communications.

Respecting the Environment

Distributors and printers are on a mission to meet end-user needs for sustainable marketing and advertising products. Mactac is committed to environmental responsibility, and our team wants to support your team by offering you quality, go-to products that help reduce environmental impact.

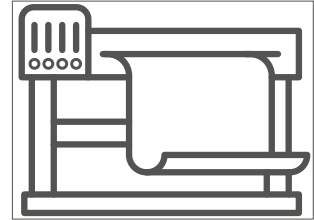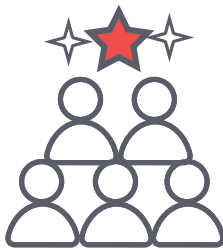# Service and Innovation - The Strength of Mactac®

Mactac offers:

Dedicated local sales professionals with knowledge in the Mactac product range

Expertise in application-based products, in the field

Proven market expertise in wide-format graphics

Personalized Customer Care Managers, knowledge and quick response

Dedicated customer service professionals

Over 1,200 ICC profiles on our website, for perfect printing

Open-Image Warranty™ system with your workflow in mind

OUR TEAM, YOUR TEAM

1959

Over 60 Years of adhesive manufacturing excellence

mactac®