

Graphic Innovations

Digital Inkjet Media Selection Guide



Engineered to Achieve Perfection™



“

A dedication to quality is a source of pride for all of us at ORAFOL and it is a key factor in our continued growth & success.

”

Dr. Holger Loclair, MD
ORAFOL Europe GmbH



Located just outside of Berlin in the heart of Europe, the ORAFOL Europe GmbH headquarters is the hub of the organization's culture of leadership and excellence.

WORLDWIDE LOCATIONS



We have offices in:

AUSTRALIA · CANADA · CHINA · GERMANY · INDIA · IRELAND · JAPAN · MEXICO · SOUTH AFRICA · TAIWAN · TURKEY · UNITED ARAB EMIRATES · UNITED STATES · WALES



Graphic Innovations
Engineered to Achieve Perfection™

Optic Solutions
Engineered to Manage Light™

Reflective Solutions
Engineered to Save Lives™

Advanced Polymer Films
Engineered to Deliver Variety™

Adhesive Tape Systems
Engineered to Perform Better™

Automotive Graphics



*Image courtesy of The Kennickell Group, Savannah, GA.
ORAJET® 3954 with ORAGUARD® 290.*

Application Types

Digital Inkjet Media Selection Guide



VEHICLE AND
FLEET GRAPHICS



WATERCRAFT
WRAPS



OUTDOOR
SIGNAGE



BACKLIT
SIGNAGE



INDOOR
SIGNAGE



WALL
GRAPHICS



WINDOW
GRAPHICS



SPECIALTY
APPLICATIONS



DECALS

The ORAFOL® Digital Inkjet Media Selection Guide outlines the Graphic Innovations division and ORAFOL's wide range of digitally printable vinyl films. Allow the icon system to be your guide as you navigate through each application type.

For complete product information, reference the product overview section of the guide on pages 45–52.

Additional Information



Educational Information



Helpful Tips & Tricks



Need To Know Information



*Image courtesy of Wrap Specialties, Woodbridge, NJ.
ORAJET® 3951RA + ProSlide® with ORAGUARD® 290.*

Adhesive & Film Performance Characteristics

Adhesive Performance Characteristics

Removable Adhesive /// Short-to-medium-term

- Removes cleanly within 2–3 years of application from *most* properly prepared, smooth, sealed surfaces.
- Beyond 3+ years, removal properties may diminish and the adhesive may become more permanent.


Permanent Adhesive /// Medium-to-long-term

- Stronger anchoring power when applied to smooth, properly prepared, sealed surfaces.
- *May not* remove cleanly from the surface

High-tack Permanent Adhesive /// Permanent

- Extremely high-initial-tack and final bond when applied to hard-to-stick low energy plastics and powder coatings.
- *May not* remove cleanly from the surface

Film Properties


/// GOOD ///	/// BETTER ///	/// BEST ///
Calendered PVC Film	Cast PVC Film	XP (PU) Polyurethane Film
Thicker film type	Thin and flexible	Extremely durable
Flat surfaces only	Long-term applications	Eco-friendly film type
When used incorrectly, material may tunnel, delaminate, or “shrink” from the application surface	Premium film type	Self-healing properties
	Perfect for both flat and heavily contoured, curved, recessed surfaces	Will not yellow or crack
		Best horizontal durability (<i>hoods, roofs, trucks</i>)
		Most resistant to environmental contamination (<i>fallout</i>)
		SCAN + LEARN 

Proprietary Technologies



Specially formulated air-egress technology that facilitates a quicker, easier bubble free application.

 Very stable and won't shrink!

 Extreme Performance that won't yellow or crack!



New advanced repositionable adhesive technology that enables a quick and easy application.

















 UL Approved Products: UL certified for UL 969 “Marketing and Labeling Systems” (USA) and CSA c22.2 NO. 0.15 “Adhesive Labels” (Canada)



Image courtesy of CMYK Graphix, Boise, ID,
in collaboration with AdvANTurehunters.
ORAJET® 3951RA + PS with ORAGUARD® 290.



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THE INDUSTRY'S FIRST

Printable, Cast Polyurethane
Paint Protection Wrap Film!

Featuring *RapidAir*® + *ProSlide*®



Highly Durable Polyurethane Construction
Won't Yellow or Crack | Self-Healing | Eco-Friendly
Better Abrasion Resistance than PVC



ORAJET® 3971RA+PS

Premium Digital Printing
(Cast) Polyurethane (PU) Media

with RapidAir® + ProSlide® Technology

ORAGUARD® 279
Premium PVC-Free (Cast)
Polyurethane PU Over-Laminate





Image courtesy of TechnoWraps, Orlando, FL.
ORAJET® 3951RA + ProSlide® with ORAGUARD® 290.













Vehicles with Complex Curves and Recessed Areas



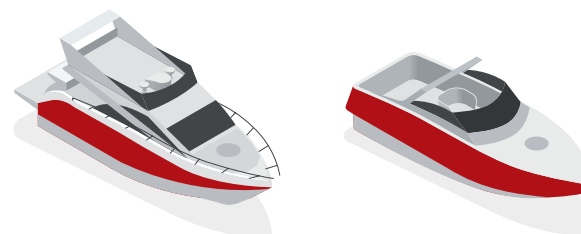
ORAJET® Product	Durability (unprinted)	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
Premium PVC Wrap Films with Air-Egress Technology						
BETTER /// 3951RA+ProSlide® Premium Digital Printing Cast PVC Professional Wrapping Film with <i>RapidAir®</i> + <i>ProSlide®</i> Technology with low initial tack	10 years	white	gloss	grey (white)	290 PVC Premium Cast 290F Optically Clear PVC Cast 279 Premium PVC-Free Cast PU XP NEW 289F PVC-Free Optically Clear PU XP 293 Ultra Flexible Premium Cast	
	8 years	now available in transparent		clear (transparent)		
BETTER /// 3951RA Premium Digital Printing Cast PVC with <i>RapidAir®</i> Technology with standard initial tack	10 years	white		grey, solvent-based, repositionable, permanent removable with heat		
Premium PVC Free Polyurathane Wrap Films with Air-Egress Technology						
BEST /// 3971RA+ProSlide® XP NEW Premium Digital (Cast) Polyurethane (PU) Wrapping Film with <i>RapidAir®</i> + <i>ProSlide®</i> Technology with low initial tack	10 years	white	gloss	grey, solvent-based, repositionable, permanent removable with heat	279 Premium PVC-Free Cast PU XP NEW Think of this digital print media and over-laminate combination as a customizable paint protection film!	
BEST /// 3981RA+ProSlide® XP Premium Digital Extruded Polyurethane (PU) Wrapping Film with <i>RapidAir®</i> + <i>ProSlide®</i> Technology with low initial tack					289F PVC-Free Optically Clear PU XP Think of this digital print media and over-laminate combination as a customizable paint protection film!	
ORALITE® Product (Reflective)	Durability (unprinted)	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
BEST /// 5600RA NEW Fleet Engineering Grade Reflective Film with <i>RapidAir®</i> Technology with low initial tack	7 years	white	gloss	clear, solvent-based, repositionable, permanent, removable with heat	290 PVC Premium Cast 290F Optically Clear PVC Cast 279 Premium PVC-Free Cast PU XP NEW 289F PVC-Free Optically Clear PU XP 293 Ultra Flexible Premium Cast	


















Vehicles with Simple Curves and Partial Wraps



ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes		
GOOD /// 3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack	7 years	arctic white/ transparent	gloss	grey (arctic white)	clear (transparent)	293 Ultra Flexible Premium Cast 290 PVC Premium Cast 215 PVC (<i>flat applications only</i>)  279 Premium PVC-Free Cast PU  NEW 290F Optically Clear PVC Cast			
BETTER /// 3551RA High Performance Calendered PVC with <i>RapidAir</i> ® Technology with standard initial tack		arctic white		solvent-based, repositionable, permanent, removable with heat					
BEST /// 3551RA + ProSlide®  High Performance Polymeric PVC with <i>RapidAir</i> ® + <i>ProSlide</i> ® Technology with low initial tack				grey, solvent-based, repositionable, permanent, removable with heat					
ORALITE® Product <i>(Reflective)</i>	Durability <i>(unprinted)</i>	Color	Finish	Adhesive		Recommended ORAGUARD® Laminate	Available Roll Sizes		
GOOD /// 5600 Fleet Engineering Grade Reflective Film*	7 years	white	gloss	clear, solvent-based, permanent, removable with heat		293 Ultra Flexible Premium Cast 290 PVC Premium Cast 279 Premium PVC-Free Cast PU  NEW 289F PVC-Free Optically Clear PU  290F Optically Clear PVC Cast			
BETTER /// 5650RA Fleet Engineering Grade Reflective Film with <i>RapidAir</i> ® Technology with standard initial tack*									
BEST /// 5600RA  Fleet Engineering Grade Reflective Film with <i>RapidAir</i> ® Technology with low initial tack*							clear, solvent-based, repositionable, permanent, removable with heat		

Watercraft Wraps



ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack	7 years	arctic white/ transparent	gloss	grey (arctic white)	clear (transparent)	290 PVC Premium Cast 290F Optically Clear PVC Cast 215 PVC (<i>flat applications only</i>)  279 Premium PVC-Free Cast PU  293 Ultra Flexible Premium Cast	
GOOD /// 3551RA High Performance Calendered PVC with <i>RapidAir</i> ® Technology with standard initial tack		arctic white		solvent-based, repositionable, permanent, removable with heat			
GOOD /// 3551RA+ProSlide®  High Performance Polymeric PVC with <i>RapidAir</i> ®+ProSlide® Technology with low initial tack				grey, solvent-based, repositionable, permanent, removable with heat			
BEST /// 3951 Professional Wrapping Film with CommandForm® Technology with standard initial tack	8 years	transparent		grey (white)	clear (transparent)	290 PVC Premium Cast 290F Optically Clear PVC Cast 279 Premium PVC-Free Cast PU  289F PVC-Free Optically Clear PU  293 Ultra Flexible Premium Cast	
BEST /// 3951RA Premium Digital Printing Cast PVC with <i>RapidAir</i> ® Technology with standard initial tack	10 years	white		grey, solvent-based, repositionable, permanent removable with heat			
BEST /// 3951RA+ProSlide® Premium Digital Printing Cast PVC Professional Wrapping Film with <i>RapidAir</i> ®+ProSlide® Technology with low initial tack		white <small>now available in <i>transparent</i></small>		grey (white)	clear (transparent)		
BEST /// 3971RA+ProSlide®   Premium Digital (Cast) Polyurethane (PU) Wrapping Film with <i>RapidAir</i> ®+ProSlide® Technology with low initial tack	10 years	white		grey, solvent-based, repositionable, permanent removable with heat		279 Premium PVC-Free Cast PU    Think of this digital print media and over-laminate combination as a customizable paint protection film!	



ORAJET® 3971RA+PS

Premium Digital Printing
(Cast) Polyurethane (PU) Media
with RapidAir® + ProSlide® Technology

OFFICIAL GRAPHIC
MEDIA SUPPLIER OF



ANDRETTI
AUTOSPORT

The Industry's First Cast Polyurethane Wrap Film!

ORAFOL's longest-lasting PVC Wrap Film!



ORAJET® 3951RA+PS

Premium Digital
Printing Cast PVC

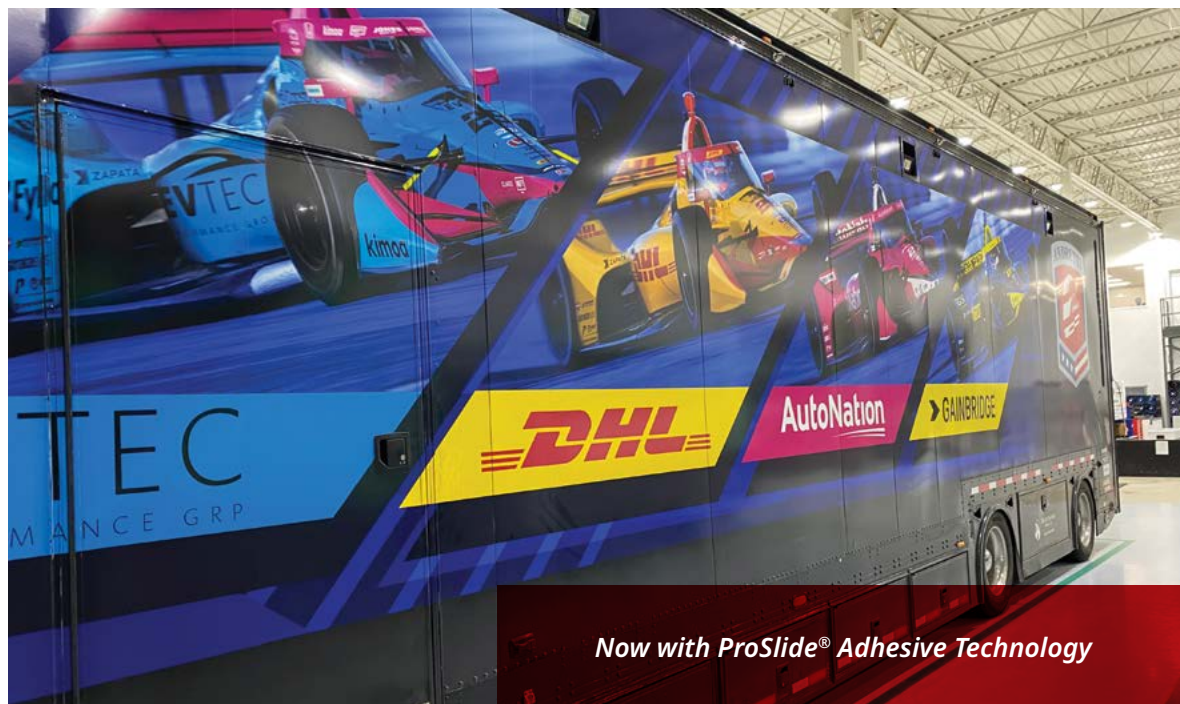
with *RapidAir®* + *ProSlide®* Technology



ORAJET® 3551RA+PS

High Performance
Calendered PVC Digital
Print Media

with *RapidAir®* + *ProSlide®* Technology



Now with ProSlide® Adhesive Technology

💡 Surface Cleaner + Tools



Pre-Wrap Surface Cleaner

Pictured Left

Designed for the professional wrap installer. Special pre-wrap surface cleaner which degreases and removes cleaning agent residue prior to the application of self-adhesive wrapping films. This product is supplied in bottles each containing 1000 ml.



ORAFOL Pro Squeegee

Medium Flex with Changeable Felt Buffer

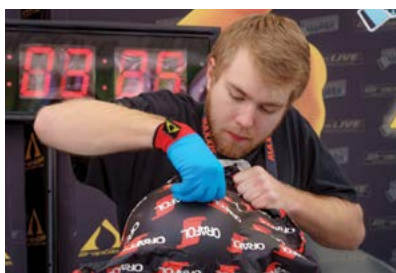
The NEW ORAFOL Pro Squeegee is an industry-standard purpose-built tool. This squeegee is specifically designed with versatility in mind, making vehicle wrapping and other installations more efficient without the need to change tools frequently.



ORAFOL Sign Maker Squeegee

Stiff Flex

The ORAFOL Sign Maker Squeegee is a 4" rectangular squeegee featuring rounded corners on all four sides. The central recess provides optimal handling and improved grip. From signage to wall graphics, this squeegee provides high pressure and Innovation at Your Fingertips.



ORAFOL WrapGlove®

The ORAFOL WrapGlove® is an industry standard purpose built tool by installers for installers. The ORAFOL WrapGlove® is specifically designed for processing and handling of ORACAL® 970RA, and digitally printed ORAJET® and ORAGUARD® laminated graphics.

Available in three sizes:
Medium (M)
Large (L)
Extra Large (XL)



ORAFOL WrapGlove® GHOST™

The ORAFOL WrapGlove® GHOST™ and SqueegeeGlove™ GHOST™ are the perfect purpose built tools, specially designed for ORAGUARD® Stone Guard Paint Protection Films (PPF), ORACAL® 970RA, and digitally printed ORAJET® and ORAGUARD® laminated graphics.

Package Contents:
1 glove
1 squeegee sleeve
1 teflon squeegee

ORAGUARD® 215DU

Polymeric PVC Laminating Film

High quality Protection. No Silvering.

Do you need an over-laminate that takes your UV Curable surface inks to the next level?

ORAGUARD® 215DU Polymeric PVC Laminating Film is designed to anchor to and enhance textured UV Curable Inks utilized in flatbed printers. This film provides abrasion resistance and lasts up to 5 years! Ditch the messy liquid lamination - purchase ORAGUARD® 215DU today. Available in gloss and matte finishes.

CLICK + LEARN



ORAGUARD® 215DU + ORAJET® Pairings

3850
Translucent Calendered

3691
Intermediate Removable Calendered PVC

3651 
Intermediate Calendered PVC

3651RA
Intermediate Calendered PVC with *RapidAir*® Technology

3551
High Performance Calendered PVC with CommandForm®
Technology with **standard initial tack**

3551DT
Low Temperature Ultra-Calendered PVC

3551RA
High Performance Calendered PVC with *RapidAir*® Technology with
standard initial tack

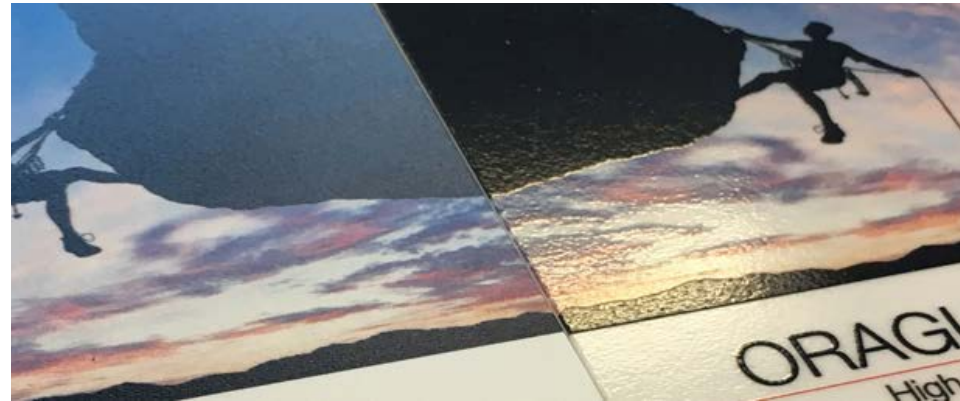
3551RA+ProSlide® 
High Performance Polymeric PVC with *RapidAir*® + ProSlide®
Technology with **low initial tack**

3169RA
Intermediate Removable Calendered with *RapidAir*® Technology

3165
Intermediate Calendered PVC

3165RA
Intermediate Calendered PVC with *RapidAir*® Technology

3105HT
High-tack Calendered PVC



Unlaminated UV Print

Laminated with ORAGUARD® 215DU

ORAGUARD® 215DU


Durability 5 years

Color transparent

Finish gloss, matte

Adhesive clear, solvent-based, permanent 


Application  (flat)

 Easily laminate your direct substrate prints:

- Acrylic
- Polycarbonate
- Aluminum
- ACM (*Aluminum Composite*)

Eliminates trapped air, resulting in vivid prints and prevents premature delamination!

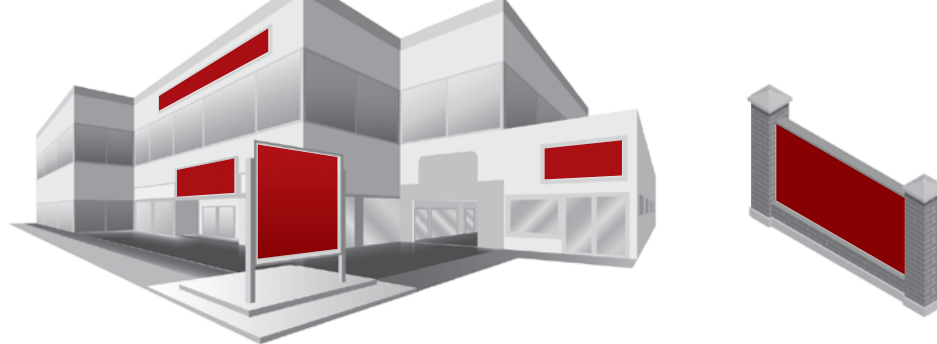
modular power solutions

CLICK + LEARN 



*Image courtesy of Visual Dynamics Sign & Image Solutions, Dallas, TX.
ORAJET® 3951 transparent with ORAGUARD® 290. (Printed text onto a
continuous clear background).*
















Long-term Outdoor Signage (7+ Years)
















OrajET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack	7 years	arctic white/ transparent	gloss	grey (arctic white)	clear (transparent)	290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast 279 Premium PVC-Free Cast PU XP NEW	
GOOD /// 3551RA High Performance Calendered PVC with RapidAir® Technology with standard initial tack		arctic white		solvent-based, repositionable, permanent, removable with heat			
BEST /// 3951 Professional Wrapping Film with CommandForm® Technology with standard initial tack	8 years	white/ transparent		grey (white)	clear (transparent)	290 PVC Premium Cast 290F Optically Clear PVC Cast 279 Premium PVC-Free Cast PU XP NEW 289F PVC-Free Optically Clear PU XP 297GF Optically Clear Cast	
BEST /// 3951RA Premium Digital Printing Cast PVC with RapidAir® Technology with standard initial tack	10 years	white		grey, solvent-based, repositionable, permanent removable with heat			
BEST /// 3951RA + ProSlide® Premium Digital Printing Cast PVC Professional Wrapping Film with RapidAir® + ProSlide® Technology with low initial tack		white now available in transparent					
	8 years						
BEST /// 3971RA + ProSlide® XP NEW Premium Digital (Cast) Polyurethane (PU) Wrapping Film with RapidAir® + ProSlide® Technology with low initial tack	10 years	white				279 Premium PVC-Free Cast PU XP NEW	
BEST /// 3981RA + ProSlide® XP Premium Digital Extruded Polyurethane (PU) Wrapping Film with RapidAir® + ProSlide® Technology with low initial tack		white				289F PVC-Free Optically Clear PU XP	

Medium-term Outdoor Signage (5 Years)



ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3165 Intermediate Calendered PVC	5 years	white	gloss, matte	grey, solvent-based, permanent		215 PVC  215 DU	
GOOD /// 3165RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology			gloss				
BETTER /// 3169RA Intermediate Removable Calendered PVC with <i>RapidAir</i> ® Technology			gloss, matte	grey, solvent-based, removable			
BETTER /// 3651  Intermediate Calendered PVC		white/ transparent	gloss, matte, semi-gloss	grey (white)	clear (transparent)		
			gloss, matte				
BETTER /// 3651RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology		white	gloss	grey, solvent-based, permanent			
BETTER /// 3691 Intermediate Removable Calendered PVC	gloss, matte		grey, solvent-based, removable				
BEST /// 3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack	7 years	arctic white/ transparent	gloss	grey (arctic white)	clear (transparent)		
BEST /// 3551RA High Performance Calendered PVC with <i>RapidAir</i> ® Technology with standard initial tack		arctic white		solvent-based, repositionable, permanent, removable with heat			
ORALITE® Product <i>(Reflective)</i>	Durability <i>(unprinted)</i>	Color	Finish	Adhesive		Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 5600 Fleet Engineering Grade Reflective Film*	7 years	white	gloss	clear, solvent-based, permanent, removable with heat		290 PVC Premium Cast 290F Optically Clear PVC Cast 279 Premium PVC-Free Cast PU   293 Ultra Flexible Premium Cast 297GF Optically Clear Cast	
BETTER /// 5650RA Fleet Engineering Grade Reflective Film with <i>RapidAir</i> ® Technology with standard initial tack*							

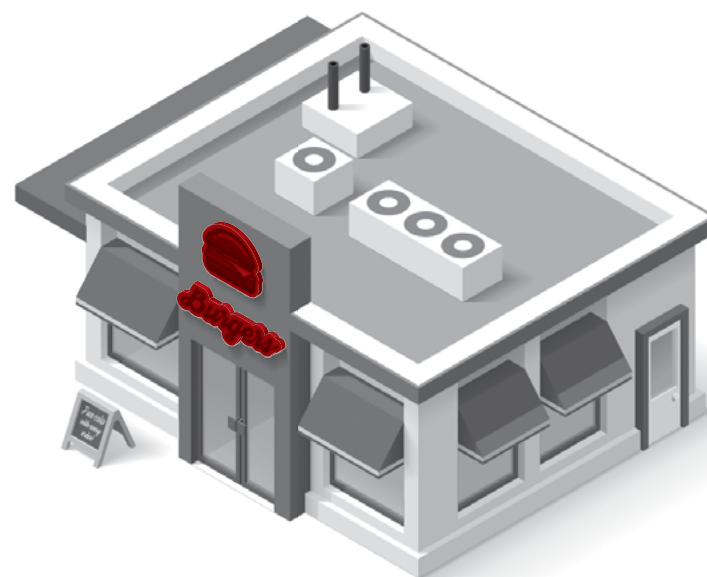
Short-term Outdoor Signage (4 Years or Less)




ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive		Recommended ORAGUARD® Laminate	Available Roll Sizes
Removable Outdoor Signage							
GOOD /// 3621 Soft Calendered PVC	4 years	white	gloss, matte	grey, water-based, removable		210 PVC	
BETTER /// 3169RA Intermediate Removable Calendered PVC with <i>RapidAir®</i> Technology	5 years			grey, solvent-based, removable			
Permanent Outdoor Signage							
GOOD /// 3640 Soft Calendered PVC	4 years	white, transparent	gloss, matte	clear, water-based, permanent		210 PVC	
GOOD /// 3641 Soft Calendered PVC		white		grey, water-based, permanent			
GOOD /// 3164  Soft Calendered PVC		transparent	gloss	clear, water-based, permanent			
GOOD /// 3164RA Soft Calendered PVC with <i>RapidAir®</i> Technology		white	gloss, matte	grey, water-based, permanent			
GOOD /// 3164XRA Soft Calendered PVC with <i>RapidAir®</i> Technology				grey, solvent-based, permanent			
BETTER /// 3165 Intermediate Calendered PVC	5 years			gloss	grey, solvent-based, permanent		
BETTER /// 3165RA Intermediate Calendered PVC with <i>RapidAir®</i> Technology		white/ transparent	gloss, matte, semi-gloss				grey (white)
			gloss, matte				
BEST /// 3651  Intermediate Calendered PVC	5 years	white	gloss	grey, solvent-based, permanent			
BEST /// 3651RA Intermediate Calendered PVC with <i>RapidAir®</i> Technology		white	gloss				
ORALITE® Product <i>(Reflective)</i>	Durability <i>(unprinted)</i>	Color	Finish	Adhesive		Recommended ORAGUARD® Laminate	Available Roll Sizes
Permanent Outdoor Signage							
BEST /// 5400 Commercial Grade Reflective	4 years	white	gloss	clear, solvent-based, permanent		215 PVC  215 DU	



*Image courtesy of Seaboard Signs and Engraving, Myrtle Beach, SC.
ORAJET® 3651 transparent with ORAGUARD® 215.*

Long-term Illuminated Graphics (7+ Years)






ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
BETTER /// 3850 Translucent Calendered	7 years	translucent, white	semi-gloss	clear, solvent-based, permanent	290 PVC Premium Cast 290F Optically Clear PVC Cast 279 Premium PVC-Free Cast PU XP NEW 289F PVC-Free Optically Clear PU XP 297GF Optically Clear Cast	
BETTER /// 3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack		transparent	gloss	solvent-based, repositionable, permanent, removable with heat		
BEST /// 3951 Professional Wrapping Film with CommandForm® Technology with standard initial tack	8 years					

Did You Know? ORAFOL® offers a full range of products for backlit signage, including ORACAL® 8870 Blockout Film, and ORACAL® 8860 and 8830 Diffuser Premium Cast films. Ask your ORAFOL representative for more information!

Extreme Performance that won't yellow or crack!

Medium-term Illuminated Graphics (5 Years)

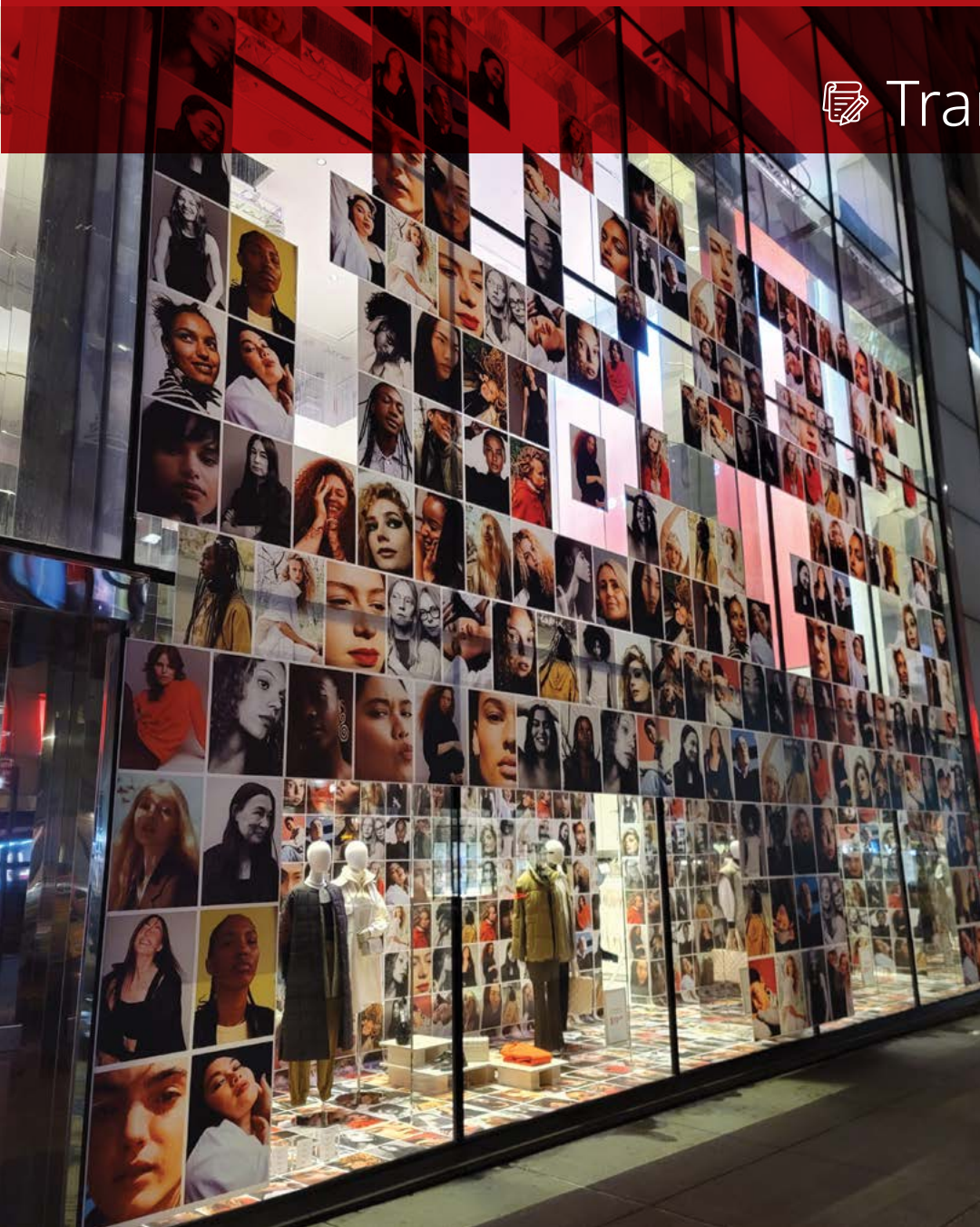
ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
BEST /// 3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack	7 years	transparent	gloss	solvent-based, repositionable, permanent, removable with heat	215 PVC  215 DU*	
BEST /// 3850 Translucent Calendered		translucent	semi-gloss	clear, solvent-based, permanent		

Short-term Illuminated Graphics (4 Years or Less)

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3620 Transparent PVC	2 years	white, transparent	gloss, matte	clear, water-based, removable	210 PVC	
GOOD /// 3640 Soft Calendered PVC	4 years			gloss		clear, water-based, permanent
BETTER /// 3164  Soft Calendered PVC						
BEST /// 3651  Intermediate Calendered PVC	5 years	transparent	gloss, matte	clear, solvent-based, permanent		



Translucent vs. Transparent Films



Translucent Films like ORAJET® 3850, are designed to be illuminated by an artificial light source such as fluorescent lamps or LEDs, making it the perfect solution for internally illuminated sign projects such as sign cabinets or channel letters. When using a white acrylic or polycarbonate substrate for illuminated signage, instead consider printing on one of our transparent films, such as ORAJET® 3651, 3551, or 3951.

Transparent Films are designed to work with natural light to simulate a “stained glass” effect without obscuring the background. Transparent print films are quickly becoming the norm when applied to white acrylic and polycarbonate sign faces. Applying our transparent solvent-based adhesive films, using a wet application technique, will provide professional looking, crystal clear results.

ORAFOL has you covered when it comes to Transparent and Translucent print films!

Image courtesy of South Shore Sign Company, Matawan, NJ.
ORAJET® 3620 with ORAGUARD® 200.







Indoor Signage, Retail, and Promotional

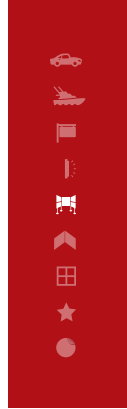


Image courtesy of The Kennickell Group, Savannah, GA.
ORAJET® 3169RA with ORAGUARD® 210.

Long-term Indoor Signage *(Permanent)*



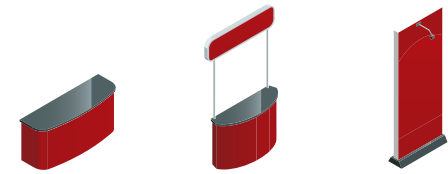
ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3640 Soft Calendered PVC	4 years	white, transparent	gloss, matte	clear, water-based, permanent	210 PVC 200 Economy PVC 236 PVC-Free 	
GOOD /// 3641 Soft Calendered PVC		white		grey, water-based, permanent		
GOOD /// 3164  Soft Calendered PVC		white	gloss	clear, water-based, permanent		
GOOD /// 3164RA Soft Calendered PVC with <i>RapidAir</i> ® Technology		transparent				
GOOD /// 3164XRA Soft Calendered PVC with <i>RapidAir</i> ® Technology		white	gloss, matte	grey, water-based, permanent		



Long-term Indoor Signage *(Permanent) continued*

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3174  PVC-Free Digital Polypropylene (PP) (4-mil)	2 years		gloss	clear, water-based, permanent		236 PVC-Free 	
GOOD /// 3740*   Economical PVC-Free Polypropylene (PP) (3-mil)			matte				
BETTER /// 3258 Semi-Rigid Calendered PVC	4 years	white	gloss, matte	grey, solvent-based, permanent		Not necessary	
BETTER /// 3165 Intermediate Calendered PVC	5 years						gloss
BETTER /// 3165RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology							
BETTER /// 3930 Photoluminescent (glow-in-the-dark)			light yellow	clear, solvent-based, permanent	293 Ultra Flexible Premium Cast 290 PVC Premium Cast		
BEST /// 3651  Intermediate Calendered PVC			white	gloss, matte semi-gloss	grey (white)	clear (transparent)	210 PVC
	white/ transparent		gloss, matte	solvent-based, permanent			
BEST /// 3651RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology		white	gloss	grey, solvent-based, permanent			

Short-term Indoor Signage *(Removable)*














ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3268 Low-Tack Movable Wall Graphics	2 years	white	matte	clear, water-based, removable	Not necessary	
GOOD /// 3628 Low-Tack Wall and Window Graphics	3 years				210 PVC 200 Economy PVC 236 PVC-Free	
GOOD /// 3720* NEW Economical PVC-Free Polypropylene (PP)	2 years				236 PVC-Free	
BETTER /// 3621 Soft Calendered PVC	4 years	white	gloss, matte	grey, water-based, removable	210 PVC 200 Economy PVC 236 PVC-Free	
BETTER /// 3620 Transparent PVC Window Graphics				clear, water-based, removable		
BETTER /// 3620 Transparent PVC Window Graphics				clear, water-based, removable		
BEST /// 3169RA Intermediate Removable Calendered with <i>RapidAir®</i> Technology	5 years	white	gloss, matte	grey, solvent-based, removable	210 PVC	
BEST /// 3691 Intermediate Removable Calendered PVC						

! ORAJET® Digital Medias are Latex, Solvent*, Eco-solvent*, and UV curable* compatible!
*ORAJET® 3676 and 3675 are not UV curable compatible. ORAJET® 3740 and 3720 is not solvent or eco-solvent compatible.

Very stable and won't shrink!

Floor Graphics

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes
Indoor Removable Floor Graphics							
GOOD /// 1663 Calendered PVC for Floor Graphics	3 years	white	gloss, matte	clear, solvent-based, removable		250AS Skid-Resistant PVC 255AS Skid-Resistant PVC for High Load Exposure* <small>*Meets the standards of ASTM D 2047 and BAM StVo §35 d3 for Skid and Slip Resistance</small>	
GOOD /// 3621 Soft Calendered PVC	4 years			grey, water-based, removable			
BETTER /// 3169RA Intermediate Removable Calendered with <i>RapidAir</i> ® Technology	5 years			grey, solvent-based, removable			
Indoor Permanent Floor Graphics							
GOOD /// 3641 Soft Calendered PVC	4 years	white	gloss, matte	grey, water-based, permanent		250AS Skid-Resistant PVC 255AS Skid-Resistant PVC for High Load Exposure* <small>*Meets the standards of ASTM D 2047 and BAM StVo §35 d3 for Skid and Slip Resistance</small>	
BETTER /// 3165 Intermediate Calendered PVC	5 years		gloss	grey, solvent-based, permanent			
BETTER /// 3165RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology							
BEST /// 3651  Intermediate Calendered PVC		white	gloss, matte semi-gloss	grey (white)	clear (transparent)		
		transparent	gloss, matte	solvent-based, permanent			
BEST /// 3651RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology		white	gloss	grey, solvent-based, permanent			
Outdoor Permanent Floor Graphics							
BEST /// 3105HT High-tack Calendered PVC Digital Media	5 years	white	gloss	grey, solvent-based, permanent /// concrete pavement, and asphalt		250AS Skid-Resistant PVC 255AS Skid-Resistant PVC for High Load Exposure* <small>*Meets the standards of ASTM D 2047 and BAM StVo §35 d3 for Skid and Slip Resistance</small>	

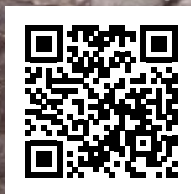


Floor graphic durability is based on stated over-laminate durability located on page 26 or by searching ORAGUARD® 250AS or 255AS at www.orafol.com.

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*Image (above) courtesy of Moto GFX, Beaverton, OR. ORAJET® 3169RA with ORAGUARD® 250AS.
Image (right) courtesy of Maryland Signs and Graphics, Towson, MD. ORAJET® 1663 with ORAGUARD® 255AS.*












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Image courtesy of The Kennickell Group, Savannah, GA.
ORAJET® 3169RA with ORAGUARD® 210.



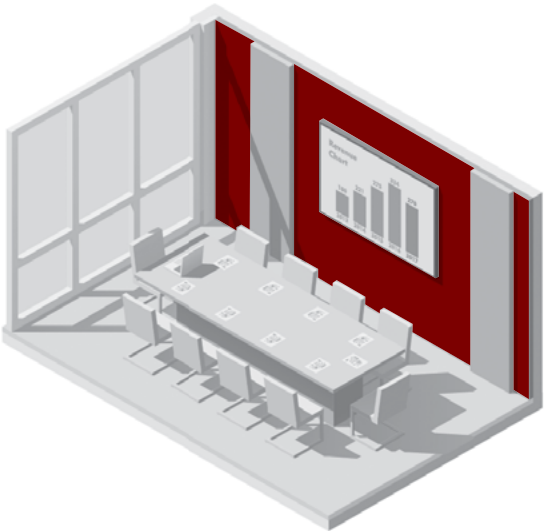
Smooth, Latex Painted Wall Surfaces *(Removable)*

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes
Removable Wall Graphics							
GOOD /// 3621 Soft Calendered PVC	4 years	white	gloss, matte	grey (3621)	clear (3628, 3268)	210 PVC 200 Economy PVC	
GOOD /// 3628 Low-Tack Wall and Window Graphics	3 years		matte				
GOOD /// 3268 Low-Tack Movable Wall Graphics	2 years			water-based, removable	Not necessary		
GOOD /// 3720  NEW Economical PVC-Free Polypropylene (PP)				clear, water-based, removable	236 PVC-Free 		
BETTER /// 3169RA Intermediate Removable Calendered with <i>RapidAir</i> ® Technology	5 years			gloss, matte	grey, solvent-based, removable	210 PVC 215 PVC  215 DU	
BEST /// 3691 Intermediate Removable Calendered PVC							


Smooth, Latex Painted Wall Surfaces *(Permanent)*

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes
Permanent Wall Graphics							
GOOD /// 3640* Soft Calendered PVC	4 years	white, transparent	gloss, matte	clear, water-based, permanent		210 PVC 200 Economy PVC	
GOOD /// 3641* Soft Calendered PVC		grey, water-based, permanent					
GOOD /// 3174*  PVC-Free Digital Polypropylene (PP) (4-mil)	2 years	white	gloss	clear, water-based, permanent		236 PVC-Free 	
GOOD /// 3740*   Economical PVC-Free Polypropylene (PP) (3-mil)			matte				
BETTER /// 3165* Intermediate Calendered PVC	5 years		gloss, matte	grey, solvent-based, permanent solvent-based, permanent		210 PVC 215 PVC  215 DU	
BETTER /// 3165RA* Intermediate Calendered PVC with <i>RapidAir</i> ® Technology			gloss				
BETTER /// 3651*  Intermediate Calendered PVC		white, transparent	gloss, semi-gloss, matte (white) gloss, matte (transparent)	grey (white)	clear (transparent)		
BETTER /// 3651RA* Intermediate Calendered PVC with <i>RapidAir</i> ® Technology		white		grey, solvent-based, permanent			
BEST /// 3551* High Performance Calendered PVC with CommandForm® Technology with standard initial tack	7 years	arctic white, transparent	gloss	grey (arctic white)	clear (transparent)	215 PVC  215 DU 290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast	
BEST /// 3551RA* High Performance Calendered PVC with <i>RapidAir</i> ® Technology with standard initial tack		arctic white					
BEST /// 3930* Photoluminescent (Glow-in-the-Dark)	5 years	light yellow		clear, solvent-based, permanent		293 Ultra Flexible Premium Cast	

Smooth, **Hard-to-Stick**,
Washable, Scrubbable,
 Latex Painted Wall
 Surfaces *(High-Tack)*



ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
High-tack Adhesive Wall Graphic Films						
BEST /// 3954* Textured Surface Wrap Film	10 years	white	gloss	grey, solvent polyacrylate, permanent	290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast	

 Always inspect wall surfaces and validate material compatibility prior to completing any wall graphic or mural project. **Contact the Product Support Team at 912-851-5000 for more details.**

*May damage wall surface upon removal

Wall Graphic Tips: Paint Compatibility



*Image courtesy of Andretti Autosport.
ORAJET® 3621 with ORAGUARD® 210.*

Paint Formulation Changes

Over the past several years the paint industry has made significant changes to paint formulations in an effort to make less of an impact on our environment. Additionally, paint formulations are now more durable and have additives designed to repel dirt and moisture. Consequently, this shift has made it more challenging to achieve a successful graphic installation to these new paint formulations.

Pay special attention to paint coatings that are listed as having the following attributes; Low-VOC, Zero-VOC, Hard-to-stick, “Stain-blocking”, “Washable”, or “Scrubbable”.

These types of paint coatings may present adhesion challenges between the wall graphic adhesive and the paint coating, and may require the use of an ORAJET® material with solvent-based or high tack adhesive.



💡 Wall Graphic Tips: Hard-to-stick



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*Image courtesy of The Kennickell Group, Savannah, GA.
ORAJET® 3954 with ORAGUARD® 290.*

ORAJET® 3954
Textured Surface Wrap Film
Brick | Concrete | Block






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Image (right) courtesy of Signs Plus, Jacksonville, FL. ORAJET® 3954 with ORAGUARD® 290.



Interior and Exterior Textured Wall Surfaces

Orajel® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive		Recommended ORAGUARD® Laminate	Available Roll Sizes
Sealed/Painted Textured Wall Surfaces							
GOOD /// 3551RA High Performance Calendered PVC with <i>RapidAir</i> ® Technology with standard initial tack	7 years	arctic white	gloss	grey (arctic white)	clear (transparent)	290 PVC Premium Cast 290F Optically Clear PVC Cast 279 Premium PVC-Free Cast PU XP NEW 289F PVC-Free Optically Clear PU XP 293 Ultra Flexible Premium Cast	
GOOD /// 3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack		artic white/ transparent		solvent-based, repositionable, permanent, removable with heat			
BETTER /// 3951RA Premium Digital Printing Cast PVC with <i>RapidAir</i> ® Technology with standard initial tack	10 years	white		grey, solvent-based, repositionable, permanent, removable with heat			
BEST /// 3951 Professional Wrapping Film with CommandForm® Technology with standard initial tack	8 years	transparent		clear, solvent-based, repositionable, permanent, removable with heat			
Unsealed and Sealed Textured Wall Surfaces							
BEST /// 3954 Textured Surface Wrap Film	10 years	white	gloss	grey, solvent-based, permanent		290 PVC Premium Cast 290F Optically Clear PVC Cast 279 Premium PVC-Free Cast PU XP NEW 289F PVC-Free Optically Clear PU XP 293 Ultra Flexible Premium Cast	

Solvent-based vs. Water-based Adhesive



Water-based Adhesive

Products with a water-based adhesive, such as ORAJET® 3640, typically are a low-cost solution for either indoor or short-term outdoor graphic applications. Common applications include promotional decals, signage, or wall graphics.

To avoid adhesive bonding issues with the substrate, do not use wet application methods or in low temperature applications.

Solvent-based Adhesive

Products with a solvent-based adhesive, such as ORAJET® 3551, are designed for more demanding and longer term applications. The components of this adhesive are combined using solvents, allowing a structurally stronger adhesive that is more resistant to chemicals, cleaning agents and wider temperature ranges.

Another important attribute is the ability to wet apply graphics without worry of adhesive bonding issues.

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Image courtesy of The Kennickell Group, Savannah, GA.
ORAJET® 3954 with ORAGUARD® 290.

Window Graphics



















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*Image courtesy of The Kennickell Group, Savannah, GA.
ORAJET® 3952F with ORAGUARD® 252F.*

Architectural Window Graphics *(Permanent)*


ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>		Recommended ORAGUARD® Laminate	Available Roll Sizes
Permanent Architectural Window Graphics							
GOOD /// 3164*  Soft Calendered PVC	4 years	white	gloss, matte	clear, water-based, permanent		210 PVC 200 Economy PVC 236 PVC-Free 	
		transparent	gloss				
GOOD /// 3174*  PVC-Free Digital Polypropylene (PP) (4-mil)	2 years	white				matte	236 PVC-Free 
GOOD /// 3740*  NEW Economical PVC-Free Polypropylene (PP) (3-mil)							
BEST /// 3676* Perforated Window Graphics PVC (60/40)*	4 years	white (reverse is black)	gloss	clear, solvent-based, permanent		290F Optically Clear PVC Cast 297GF Optically Clear Cast	
BETTER /// 3651  Intermediate Calendered PVC	5 years	white	gloss, matte semi-gloss	grey (white)	clear (transparent)	215 PVC  210 PVC 215 DU	
		transparent	gloss, matte	solvent-based, permanent			
BETTER /// 3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack	7 years	arctic white	gloss	grey (arctic white)	clear (transparent)	215 PVC  215 DU	
		transparent		solvent-based, repositionable, permanent, removable with heat			
BEST /// 3952F  NEW Optically Clear Digital Printing Film	7 years	transparent		clear, solvent-based, semi-permanent (removable with heat or steam)	252F  NEW		
BEST /// 3951 Professional Wrapping Film with CommandForm® Technology with standard initial tack	10 years	white		grey (white)	clear (transparent)	290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast	
	8 years	transparent		solvent-based, repositionable, permanent, removable with heat			



Architectural Window Graphics, Continued *(Removable)*

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive <i>(based on color selection)</i>	Recommended ORAGUARD® Laminate	Available Roll Sizes
Removable Architectural Window Graphics						
GOOD /// 3620* Transparent PVC Window Graphics	4 years	white	gloss, matte	clear, water-based, removable	210 PVC 200 Economy PVC 236 PVC-Free 	
GOOD /// 3621* Soft Calendered PVC		transparent		grey, water-based, removable		
GOOD /// 3720*  	2 years	white	matte	clear, water-based, removable	236 PVC-Free 	
BETTER /// 3169RA* Intermediate Removable Calendered with <i>RapidAir</i> ® Technology	5 years		gloss, matte	grey, solvent-based, removable	210 PVC 215 PVC  215 DU	
BEST /// 3691 Intermediate Removable Calendered PVC						

Vehicle Perforated Window Graphics

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
3675 Perforated Window Graphics PVC (50/50)*	4 years	white <i>(reverse is black)</i>	gloss	clear, solvent-based, permanent	297GF Optically Clear Cast (thicker) 290F Optically Clear PVC Cast (thinner)	
3676 Perforated Window Graphics PVC (60/40)*						

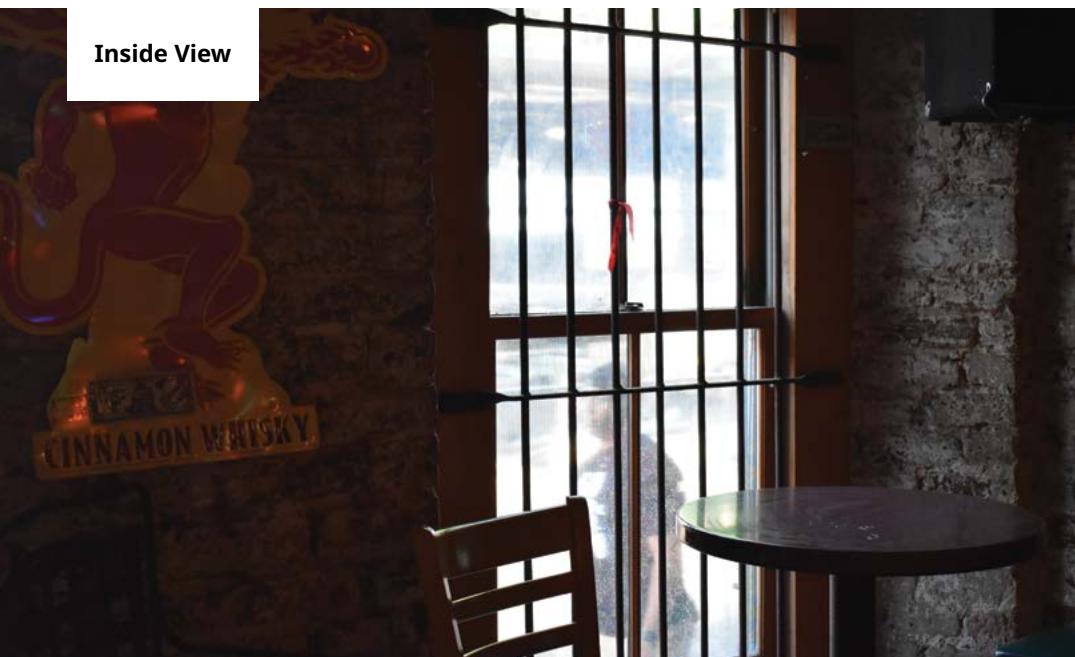


Bus and subway train windows utilize ORAJET® 3676.
Commuter and fleet windows utilize ORAJET® 3675.

The Magic of Window Perf



Outside View



Inside View

ORAJET® 3675 (50/50) and ORAJET® 3676 (60/40) are two of the longest lasting perforated window films on the market, when laminated with ORAGUARD® 297GF Optically Clear over-laminate.

ORAGUARD® 297GF is a thicker over-laminate, 2.75-mil, specifically designed for window perf applications. Series 297GF is less prone to collapsing into the perforated holes, which decreases the chance of material punctures or the collection of dirt and moisture. That means better visibility for you!

Perforated window graphics are perfect for businesses that require more branded store front communication, but are limited by signage ordinances. Window graphics are typically not included in local signage ordinances.



ORAJET® 3675 has
50% printable area.
ORAJET® 3676 has a
60% printable area.

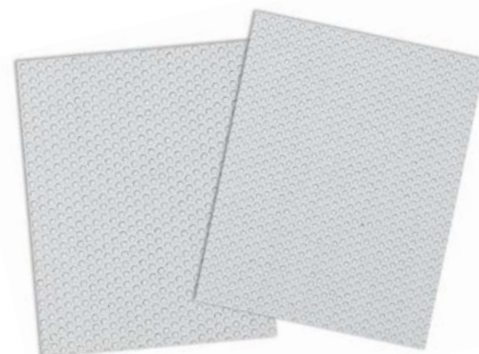


Image courtesy of Megan Kranzler.
ORAJET® 3676 with ORAGUARD® 297GF.

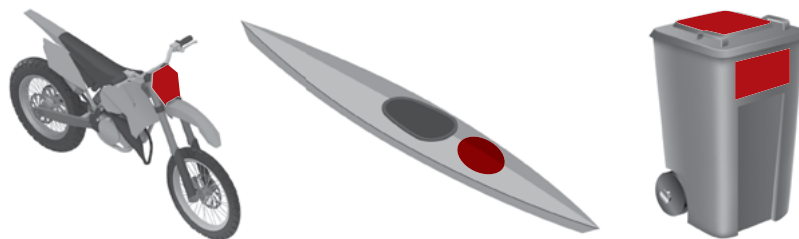
Specialty Applications



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*Image courtesy of Spider Graphix, Monrovia, IN.
ORAJET® 3105HT with ORAGUARD® 290.*



Low Energy Plastics

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3164HT High-tack Calendered PVC	4 years	white	gloss, matte	clear, water-based, permanent with high initial tack and final adhesion	210 PVC	
		transparent	gloss			
BETTER /// 3105HT High-tack Calendered PVC	5 years	white	gloss	grey, solvent-based, permanent with high initial tack and final adhesion	215 PVC 270 Stone Guard Films 215 DU	
BEST /// 3951HT High-tack Cast PVC	7 years				279 Premium PVC-Free Cast PU NEW 289F PVC-Free Optically Clear PU	

Low Temperature Applications *(For application temperatures between 23°F/-5°C and 50°F/10°C)*

ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
GOOD /// 3161DT Low Temperature Soft Calendered PVC	4 years	white	gloss	clear, solvent-based, permanent	210 PVC 200 Economy PVC 215 PVC 215 DU	
BETTER /// 3551DT Low Temperature Ultra-Calendered PVC	7 years	arctic white			215 PVC 215 DU 293 Ultra Flexible Premium Cast	










Promotional Decals

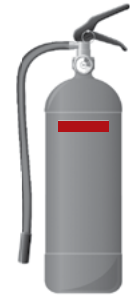
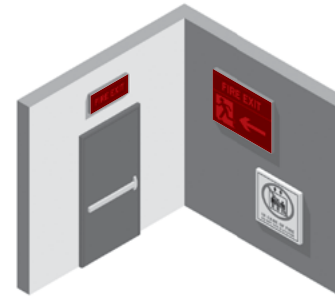
ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
Removable Promotional Decals						
GOOD /// 3268 Low-Tack Movable Wall Graphics	3 years	white	matte	clear, water-based, removable	210 PVC 200 Economy PVC 236 PVC-Free 	
BEST /// 3169RA* Intermediate Removable Calendered with RapidAir® Technology	5 years		gloss, matte	grey, solvent-based, removable	210 PVC 215 PVC  215 DU	
Permanent Promotional Decals						
GOOD /// 3258 Semi-Rigid Calendered PVC	4 years	white	gloss, matte	grey, solvent-based, permanent	Not necessary	
BEST /// 3164HT High-tack Calendered PVC		white/ transparent	gloss, matte/ gloss	clear, water-based, permanent with high initial tack and final adhesion	210 PVC (optional) 215 PVC (optional)  215 DU (optional)	
ORALITE® Product <i>(Reflective)</i>	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
BEST /// 5400 Commercial Grade	4 years	white, yellow, orange, red, green, blue	gloss	clear, solvent-based, permanent,	215 PVC (optional)  215 DU (optional)	

Industrial Labels




ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes	
GOOD /// 3164HT High-tack Calendered PVC	4 years	white	gloss, matte	clear, water-based, permanent with high initial tack and final adhesion	215 PVC 		
		transparent	gloss				
GOOD /// 3930 Photoluminescent (glow-in-the-dark)	5 years	light yellow	gloss	clear, solvent-based, permanent	293 Ultra Flexible Premium Cast		
BETTER /// 3651RA Intermediate Calendered PVC with <i>RapidAir®</i> Technology		white		grey, solvent-based, permanent			
BETTER /// 3651 			gloss,matte semi-gloss	grey, solvent-based, permanent			
BETTER /// 3651 		transparent	gloss, matte	clear, solvent-based, permanent			
BETTER /// 3105HT 		white	gloss	grey, solvent-based, permanent with high initial tack and final adhesion			215 PVC  215 DU
BEST /// 3164 	4 years	white	gloss, matte	clear, water-based, permanent			
BEST /// 3164RA Soft Calendered PVC with <i>RapidAir®</i> Technology		transparent	gloss	clear, water-based, permanent			
BEST /// 3164XRA Soft Calendered PVC with <i>RapidAir®</i> Technology		white	gloss, matte	grey, water-based, permanent			
ORACAL® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes	
BEST /// 820 Safety Vinyl (Anti-Tamper Vinyl)	5 years	white	gloss, matte	solvent-based, permanent	Not necessary		

Photoluminescent (*Glow-in-the-Dark*)



ORAJET® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
BEST /// 3930 Photoluminescent (<i>Glow-in-the-Dark</i>)	5 years	light yellow	gloss	clear, solvent-based, permanent	293 Ultra Flexible Premium Cast 290 PVC Premium Cast	

Tamper-Evident Applications

ORACAL® Product	Durability <i>(unprinted)</i>	Color	Finish	Adhesive	Recommended ORAGUARD® Laminate	Available Roll Sizes
BEST /// 820 Safety Vinyl (<i>Anti-Temper Vinyl</i>)	5 years	white	gloss, matte	solvent polyacrylate, permanent	Not necessary	

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ORACAL® 820 is designed to be very difficult to remove which makes it **perfect** for tamper evident parking decals and regulated industrial and safety labels.

Printable **Glow-in-the-Dark** Film



Daytime



Nighttime

ORAJET® 3930 Photoluminescent, or **glow-in-the-dark**, film can be used for many different applications including:

- Indoor safety and regulatory signage in hospitals, office buildings, schools, movie theaters, railroad engines, daycares, etc.
- Creative graphic applications in bowling alleys, arcades, and laser tag venues.

So, how does it work?

The material needs to be charged by a light source for approximately 30-60 minutes. The material will appear to glow brightest in pitch black room conditions. Glow time varies depending on the amount of charge received from a light source.

The material will glow for approximately 6-8 hours before needing to be recharged by a light source. The amount of glow will typically dim and extinguish during this 6-8 hour period.

Special Consideration:

Only the non-printed or lightly printed areas of the ORAJET® 3930 Photoluminescent film will glow. This material can be Solvent, Eco-Solvent, Latex, and UV Printed. Match this material with ORAGUARD® 293 or ORAGUARD® 293 for added graphic protection.


















Digital Print Media

Product Overview

PVC Cast

(PU) Polyurethane Cast & Extruded

Reflective



ORAJET® Product	Durability <i>(unprinted)</i>	Thickness	Standard Widths	Standard Lengths	Color	Finish	Adhesive		Release Liner	Application	
RapidAir® + ProSlide® — Low Initial-Tack with Air-Egress Technology											
3971RA + ProSlide®  NEW Premium Digital Cast Polyurethane (PU) Wrapping Film with RapidAir® + ProSlide® Technology with low initial tack	10 years	2-mil	54", 60"	150' (50-yard) 75' (25-yard)	white	gloss	grey, solvent-based, repositionable, permanent removable with heat		88# PE-coated silicone paper featuring RapidAir® + ProSlide® technology to facilitate quicker, easier application		
3981RA + ProSlide®  Premium Digital Printing Polyurethane (PU) Wrapping Film with RapidAir® + ProSlide® Technology with low initial tack			30", 50", 54"*, 60" *10-yard only	150' (50-yard) 30' (10-yard) 75' (25-yard)	white now available in transparent						
3951RA + ProSlide® Premium Digital Printing Cast PVC Professional Wrapping Film with RapidAir® + ProSlide® Technology with low initial tack			8 years								
RapidAir® — Standard Initial-Tack with Air-Egress Technology											
3951RA Professional Wrapping Film with RapidAir® Technology with standard initial tack	10 years	2-mil	30", 50", 54", 60"	150' (50-yard) 30' (10-yard)* *54" only	white	gloss	grey, solvent-based, repositionable, permanent removable with heat		88# PE-coated silicone paper featuring RapidAir® technology to facilitate quicker, easier application		
Non-Air-Egress											
3951 Professional Wrapping Film with CommandForm® Technology with standard initial tack	10 years	2-mil	15" (punched), 30", 36", 50", 54", 60"	150' (50-yard) 30' (10-yard)* *54" only	white	gloss			88# PE-coated silicone paper		
	8 years				transparent		solvent-based, slideable, permanent, removable with heat				
3951HT High-tack Cast PVC	7 years		30"*, 54" *25-yard only	150' (50-yard) 75' (25-yard)	white		grey, solvent-based, permanent with high initial tack and final adhesion				
3954 Textured Surface Wrap Film	10 years		54"	150' (50-yard) 30' (10-yard)			grey, solvent polyacrylate, permanent				
3930 Photoluminescent	5 years			6-mil	25M (27.3-yard) 10M (10.9-yard)		light yellow	clear, solvent-based, permanent			
3952F NEW Optically Clear Digital Print Film	7 years	2-mil	54", 60"	150' (50-yard) 75' (25-yard)	transparent		optically clear, solvent-based, semi-permanent	2.95 mil silicone coated polyester film			
ORALITE® Product <i>(Reflective)</i>	Durability <i>(unprinted)</i>	Thickness	Standard Widths	Standard Lengths	Color		Finish	Adhesive		Release Liner	Application
5650RA Fleet Engineering Grade Reflective Film with RapidAir® Technology with standard initial tack*	7 years	5-mil (average)	15" (punched)*, 24", 30", 48", 54", 60" *50-yard and 10-yard only	150' (50-yard) 30' (10-yard) 75' (25-yard)	white	gloss	clear, solvent-based, permanent, removable with heat		88# PE-coated silicone paper featuring RapidAir® technology to facilitate quicker, easier application		
5600RA NEW Fleet Engineering Grade Reflective Film with RapidAir® Technology with low initial tack*		6-mil (average)	24", 48", 54"				clear, solvent-based, repositionable, permanent, removable with heat				
5600 Fleet Engineering Grade Reflective Film*		5-mil (average)	15" (punched)*, 24", 30", 48", 54", 60" *50-yard and 10-yard only				clear, solvent-based, permanent, removable with heat		88# PE-coated		
5400 Commercial Grade	4 years	3.5-mil	15" (punched), 24", 30", 48"	150' (50-yard)			clear, solvent-based, permanent				

Digital Print Media

Product Overview

High Performance (Ultra-Calendered)



































Intermediate Calendered

ORAJET® Product	Durability <i>(unprinted)</i>	Thickness	Standard Widths	Standard Lengths	Color	Finish	Adhesive		Release Liner	Application
Intermediate										
3691 Intermediate Removable Calendered PVC	5 years	2.75-mil	54", 60"	150' (50-yard)	white	gloss, matte	grey, solvent-based, permanent		88# PE-coated silicone paper	
3676 Perforated Window Graphics PVC (60/40)	4 years	5.5-mil	24", 30", 54", 60"	150' (50-yard) 30' (10-yard)	white <i>(reverse is black)</i>	gloss	clear, solvent-based, permanent			
3675 Perforated Window Graphics PVC (50/50)										
3651RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology	5 years	2.75-mil	50", 54", 60"	150' (50-yard)	white		gloss, matte, semi-gloss* *(30", 36", 54", 60" only)	grey, solvent-based, permanent		
3651  Intermediate Calendered PVC			15", 30", 36", 50", 54", 60"							
						30", 36", 50", 54", 60"	transparent	gloss, matte* *(30", 54", 60" only)		
High Performance										
3850 Translucent Calendered	7 years	3-mil	30", 50", 54", 60"	150' (50-yard) 30' (10-yard)* *54" only	white	semi-gloss	clear, solvent-based, permanent		88# PE-coated silicone paper	
3551RA+ ProSlide®  High Performance Polymeric PVC with <i>RapidAir</i> ® + ProSlide® Technology with low initial tack		2.75-mil	54", 60"	150' (50-yard)	arctic white	gloss	grey, solvent-based, repositionable, permanent			
3551RA High Performance Calendered PVC with <i>RapidAir</i> ® Technology with standard initial tack			30", 50", 54", 60"							
3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack			30", 36", 54", 60"				grey <i>(arctic white)</i>	clear <i>(transparent)</i>		solvent-based, repositionable, permanent, removable with heat
			30", 54", 60"		transparent					
3551DT Low Temperature Ultra-Calendered PVC				54"	75' (25-yard)		arctic white	clear, solvent-based, permanent		

Digital Print Media



















Product Overview



Economical (Specialty)

ORAJET® Product	Durability <i>(unprinted)</i>	Thickness	Standard Widths	Standard Lengths	Color	Finish	Adhesive	Release Liner	Application
3740  NEW Economical PVC-Free Polypropylene (PP) (3-mil)	2 years	3-mil	54"	150' (50-yard)	white	matte	clear, water-based, permanent		  
3720  NEW Economical PVC-Free Polypropylene (PP)							clear, water-based, removable		
3641 Soft Calendered PVC	4 years	3-mil	30", 50", 54", 60"	150' (50-yard)	white	gloss, matte	grey, water-based, permanent	83# PE-coated silicone paper	 
3640 Soft Calendered PVC			30", 50", 54", 60", 80"		white, transparent		clear, water-based, permanent		  
3628 Low-Tack Wall and Window Graphics	3 years		30", 54", 60"		white	matte	clear, water-based, removable		 
3621 Soft Calendered PVC	4 years		30", 36", 50", 54", 60", 80"				transparent		gloss, matte
3620 Transparent PVC Window Graphics		30", 50", 54", 60", 80"	clear, water-based, removable	 					
3258 Semi-Rigid Calendered PVC		2 years	6-mil	30", 54", 60"	100' (33.33-yard)	white			
3268 Low-Tack Movable Wall Graphics	gloss, matte						clear, water-based, removable	83# PE-coated silicone paper	 
3174  PVC-Free Digital Polypropylene (PP) (4-mil)			gloss	clear, water-based, permanent					
3169RA Intermediate Removable Calendered with <i>RapidAir</i> ® Technology	5 years		4-mil	54", 60"			150' (50-yard)	white	gloss, matte
3165RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology		gloss		grey, solvent-based, permanent	 				
3165 Intermediate Calendered PVC		gloss, matte		30", 54", 60"	150' (50-yard)	clear, water-based, permanent with high initial tack and final adhesion			83# PE-coated silicone paper
3164HT High-tack Soft Calendered PVC	white					grey, water-based, permanent			89# PE-coated silicone paper
3164XRA Soft Calendered PVC with <i>RapidAir</i> ® Technology			clear, water-based, permanent			83# PE-coated silicone paper	 		
3164RA Soft Calendered PVC with <i>RapidAir</i> ® Technology	gloss		clear, solvent-based, permanent				  		
3164  Soft Calendered PVC	5 years	4.25-mil	30", 50", 54", 60", 80"	75' (25-yard)	white	gloss	grey, solvent-based, permanent with high initial tack and final adhesion	88# PE-coated silicone paper	 
3161DT Low Temperature Soft Calendered PVC			30", 54", 60"				clear, solvent-based, permanent	  	
3105HT High-tack Calendered PVC			30", 54", 60"				grey, solvent-based, permanent with high initial tack and final adhesion	88# PE-coated silicone paper	 
1663 Calendered PVC for Floor Graphics	3 years			30", 36", 50", 54", 60"	150' (50-yard)		gloss, matte* *(30", 50", 54", 60")	clear, solvent-based, removable	83# PE-coated silicone paper
ORACAL® Product	Durability <i>(unprinted)</i>	Thickness	Standard Widths	Standard Lengths	Color	Finish	Adhesive	Release Liner	Application
820 Safety Vinyl (Anti-Tamper Vinyl)	5 years	2-mil	40", 55" <i>sheet sizes available by special order</i>	165' (55-yard)	white	gloss, matte	solvent polyacrylate, permanent	88# PE-coated release paper on both sides	

Laminating Films

Product Overview

ORAGUARD® Product	Base Material	Durability <i>(vertical exposure)</i>	UV Protection Ext. Factor	Wound Direction	Thickness	Standard Widths	Standard Lengths	Color	Finish	Adhesive	Release Liner	Application		
Cast														
279   Premium PVC-Free Cast PU	polyurethane	10 years	5+ years	Reverse Wound	2-mil	54", 60"	150' (50-yard) 75' (25-yard)	transparent	gloss, semi-gloss	clear, solvent-based, permanent	55# coated silicone paper			
289F  PVC-Free Optically Clear PU						30", 54", 60"	150' (50-yard) 75' (25-yard)* 30' (10-yard) <i>*54" and 60" only</i>				1.4-mil silicone coated polyester film			
297GF Optically Clear Premium Cast PVC	PVC	8 years	4+ years	Forward Wound	2.75-mil	24", 30", 54"	150' (50-yard) 75' (25-yard) 30' (10-yard)		gloss		1.4-mil silicone coated polyester film			
293 Ultra Flexible Cast PVC				Reverse Wound	1-mil	24", 30", 36", 50", 54", 60"					55# coated silicone paper			
290F Optically Clear Premium Cast PVC				Forward Wound	2-mil							1.6-mil silicone coated polyester film		
290 Premium Cast				Reverse Wound	2-mil							150' (50-yard)* 75' (25-yard) 30' (10-yard) <i>*matte finish only</i>	matte	55# coated silicone paper
252F  Enhanced Optically Clear Premium Cast PVC	PVC	8 years	4+ years	Reverse Wound	2-mil	54", 60"	150' (50-yard) 75' (25-yard)				gloss		2.95-mil silicone coated polyester film	
Calendered														
215DU* UV Print Laminating Film	PVC	5 years	3+ years	Reverse Wound	3-mil	54", 60"	150' (50-yard)	transparent	gloss, matte	clear, solvent-based, permanent	55# coated silicone paper			
215    PVC Laminating Film						30", 36", 50", 54", 60"			gloss, semi-gloss, matte					
210 PVC Laminating Film		4 years	2+ years		2.5-mil							54"	gloss, semi-gloss, matte	clear, water-based, permanent
200 Economy PVC	2 yearss	1+ years	Forward Wound			54"			gloss, matte					
236  PVC-Free				polypropylene										
Textured, Anti-Skid Floor Graphic Laminate														
255AS Skid-Resistant PVC for High Load Exposure	PVC	6 months	N/A	Forward Wound	6.5-mil	36", 50", 54"	150' (50-yard)	transparent	raised, skid-resistant, textured surface	clear, solvent-based, permanent	55# coated silicone paper			
250AS Skid-Resistant PVC		3 months			4.75-mil									
Paint Protection Film														
270 Economical PPF Stone Guard Film	PVC	5 years	N/A	Forward Wound	6-mil	24", 30", 50", 60"	75' (25-yard) 30' (10-yard)	transparent	gloss	clear, solvent-based, permanent	84# kraft paper, siliconized on one side			

 Very stable and won't shrink!
 Extreme Performance that won't yellow or crack!

Process & Handling

Splice Free Guarantee

ORAFOL's digital printing materials are manufactured in the industry's most advanced computer-controlled facilities, assuring you of consistent, splice-free quality from roll-to-roll.

Storage and Handling

The self-adhesive products, ORACAL®, ORAJET®, ORAGUARD®, ORABOND®, ORALITE®, and ORALUX® are supplied in rolls and should, at all times, be stored suspended or standing on end with provided roll blocks. **NEVER** store material lying on it's side. Materials should be kept in a cool dry place. For optimal product performance, relative air humidity should be between 50% and 60% and temperature between 64°F and 72°F. Avoid storing material in direct sunlight, or near excessive heat (*i.e. radiators*). Please observe the shelf life instructions contained in the technical data sheet available for each film at www.orafol.com.

Instructions for Printing

Digitally printed materials should be handled with the utmost care. To prevent surface damage use lint-free gloves. Before printing, check the surface quality of the film to remove obvious film damage, dirt, grime, lint, etc. For best results, use the correct ICC profile based on your specific combination of media, ink, printer and RIP software. For **FREE** color profiles, visit the Support section of the ORAFOL Americas website.

Don't forget to match the digital media with the recommended laminate.

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Lamination

Lamination of inkjet prints is recommended to ensure longer lifespan at optimum quality (gloss, color, resistance to physical damage). ORAGUARD® laminate films enhance the desired appearance of the graphic (gloss, matte, semi-gloss). They also provide excellent protection against fading from exposure to UV rays. To avoid delamination, edge curling, and adhesive failure, allow solvent printed graphics to outgas for at least 24 hours at 70°F (48-72 hours), before trimming or applying a laminate.

ORALIFE™ Component System Warranty

Up to 8 Years of Protection for your Printed Graphics
The ORALIFE™ Component System (OCS) warranty from ORAFOL Americas includes specially matched media and laminates to fit almost any graphic application where a pressure-sensitive adhesive is needed. Combined with your approved wide-format inkjet printer and corresponding OEM ink sets, the OCS warranty can help you achieve an unrivaled level of performance and guaranteed reliability for your outdoor digital prints. For more information and enrollment forms, visit our website at www.orafol.com.

Product Technical Support

Our product experts are ready to help you.

Call our knowledgeable Technical Support team for advice about product choice, color management, application techniques, care and maintenance and much, much more. **For exceptional technical expertise call 888-672-2251.**

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Compatibility & Expected Durability

Qualified ORAJET® Media	Recommended Applications	Recommended ORAGUARD® Laminate
OCS 8™ 8 Year Durability - Printed Laminated Durability		
3971RA+ProSlide®   Premium Digital Cast Polyurethane (PU) Wrapping Film with <i>RapidAir®</i> + <i>ProSlide®</i> Technology with low initial tack	 (complex and moderate curves, flat)	279 Premium PVC-Free Cast PU  
3981RA+ProSlide®  Premium Digital Printing Polyurethane (PU) Wrapping Film with <i>RapidAir®</i> + <i>ProSlide®</i> Technology with low initial tack	 (complex and moderate curves, flat)	289F PVC-Free Optically Clear PU 
OCS 7™ 7 Year Durability - Printed Laminated Durability		
3951 Professional Wrapping Film with CommandForm® Technology with standard initial tack	 (complex and moderate curves, flat)	279 Premium PVC-Free Cast PU   289F PVC-Free Optically Clear PU  290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast
3951HT High-tack Cast PVC	 (complex, flat, hard-to-stick)	
3951RA Professional Wrapping Film with <i>RapidAir®</i> Technology with standard initial tack	 (complex and moderate curves, flat)	
3951RA+ProSlide® Premium Digital Printing Cast PVC Professional Wrapping Film with <i>RapidAir®</i> + <i>ProSlide®</i> Technology with low initial tack	 (complex and moderate curves, flat)	

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Printed Laminated Durability
OCS 8™ 8 Year and **OCS 7™ 7 Year** Durability




Printed Laminated Durability

OCS 6™ 6 Year Durability

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Qualified ORAJET® and ORALITE® Media	Recommended Applications	Recommended ORAGUARD® Laminate
OCS 6™ 6 Year Durability - Printed Laminated Durability		
3952F NEW Optically Clear Digital Print Film		252F Enhanced Optically Clear Premium Cast PVC NEW
3850 Translucent Calendered		289F PVC-Free Optically Clear PU XP 290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast
3551RA + ProSlide® NEW High Performance Polymeric PVC with RapidAir® + ProSlide® Technology with low initial tack	 (complex and moderate curves, flat)	279 Premium PVC-Free Cast PU XP NEW 290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast
3551RA High Performance Calendered PVC with RapidAir® Technology with standard initial tack	 (moderate curves, flat)	
3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack	 (moderate curves, flat)	
3551DT Low Temperature Ultra-Calendered PVC		
5650RA Fleet Engineering Grade Reflective Film with RapidAir® Technology with standard initial tack	 (moderate curves, flat)	289F PVC-Free Optically Clear PU XP 290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast
5600RA NEW Fleet Engineering Grade Reflective Film with RapidAir® Technology with low initial tack		
5600 Fleet Engineering Grade Reflective Film		

Qualified ORAJET® Media	Recommended Applications	Recommended ORAGUARD® Laminate	
OCS 5™ 5 Year Durability - Printed Laminated Durability			
3105HT High-tack Calendered PVC	★ ▲	289F PVC-Free Optically Clear PU  290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast	
3954 Textured Surface Wrap Film	▲ (textured)		
3850 Translucent Calendered	⏏		
3691 Intermediate Removable Calendered PVC	⏏ □	215 PVC  215 DU	
3651  Intermediate Calendered PVC	⏏ □ ⏏ □		
3651RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology	⏏ □ □		
3551 High Performance Calendered PVC with CommandForm® Technology with standard initial tack	⏏ □ ⏏ □		
3551RA High Performance Calendered PVC with <i>RapidAir</i> ® Technology with standard initial tack			
3551DT Low Temperature Ultra-Calendered PVC			
3169RA Intermediate Removable Calendered PVC with <i>RapidAir</i> ® Technology	⏏ □ □		
3165 Intermediate Calendered PVC			
3165RA Intermediate Calendered PVC with <i>RapidAir</i> ® Technology			

Expected Durability is based on Vertical Exposure located in Climate Zone 1.
Climate Zone information can be found on page 61.

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Printed Laminated Durability

OCS 4™ 4 Year Durability

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Qualified ORAJET® and ORALITE® Media	Recommended Applications	Recommended ORAGUARD® Laminate
OCS 4™ 4 Year Durability - Printed Laminated Durability		
3971RA+ProSlide® XP NEW Premium Digital Cast Polyurethane (PU) Wrapping Film with RapidAir® + ProSlide® Technology with low initial tack	 (complex and moderate curves, flat)	279 Premium PVC-Free Cast PU XP NEW
3676 Perforated Window Graphics PVC (60/40)		297GF Optically Clear Cast
3675 Perforated Window Graphics PVC (50/50)		
3651 cULus Intermediate Calendered PVC	   	210 PVC
3651RA Intermediate Calendered PVC with RapidAir® Technology	  	
3641 Soft Calendered PVC	  (short-term)	
3640 Soft Calendered PVC		
3620 Transparent PVC Window Graphics		
3621 Soft Calendered PVC		
3169RA Intermediate Removable Calendered with RapidAir® Technology		
3165 Intermediate Calendered PVC	  	
3165RA Intermediate Calendered PVC with RapidAir® Technology	  (short-term)	
3164 cULus Soft Calendered PVC		
3164RA Soft Calendered PVC with RapidAir® Technology		
3164XRA Soft Calendered PVC with RapidAir® Technology		
3164HT High-tack Calendered PVC		
3161DT Low Temperature Soft Calendered PVC		
5400 Commercial Grade		215 PVC cULus 215 DU

Qualified ORAJET® Media	Recommended Applications	Recommended ORAGUARD® Laminate
OCS 3™ 3 Year Durability - Printed Laminated Durability		
3951 Professional Wrapping Film with CommandForm® Technology with standard initial tack	 (complex and moderate curves, flat)	290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast
3951RA Professional Wrapping Film with <i>RapidAir</i> ® Technology with standard initial tack		
3951RA + ProSlide® Premium Digital Printing Cast PVC Professional Wrapping Film with <i>RapidAir</i> ® + <i>ProSlide</i> ® Technology with low initial tack		279 Premium PVC-Free Cast PU   289F PVC-Free Optically Clear PU  290 PVC Premium Cast 290F Optically Clear PVC Cast 293 Ultra Flexible Premium Cast
3551RA High Performance Calendered PVC with <i>RapidAir</i> ® Technology with standard initial tack		
3621 Soft Calendered PVC		210 PVC
3620 Transparent PVC Window Graphics		

Printed Laminated Durability

OCS 3™ 3 Year Durability

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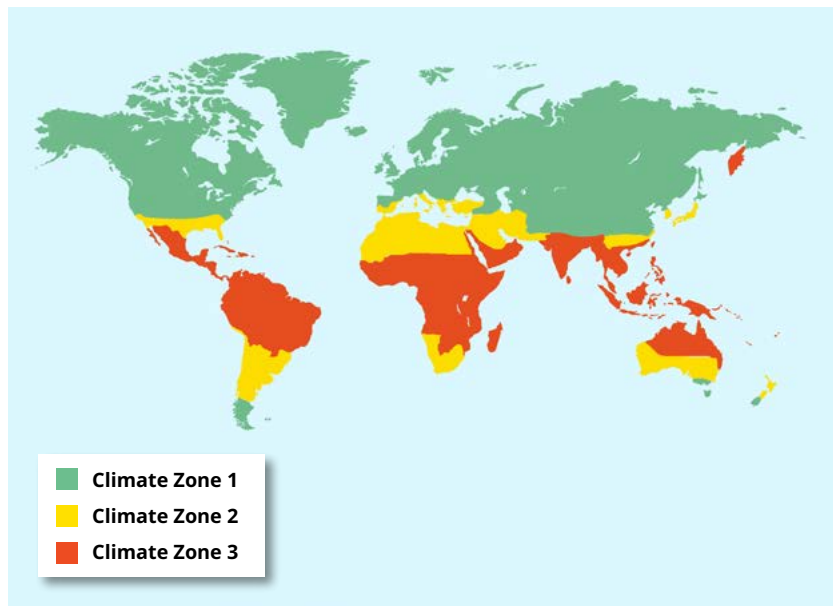


Expected Maximum Service Life in Years for Unprinted ORAFOL® Films

Vertical & Horizontal Exposure In Years. Visit orafol.com to review the intended product's technical data sheet to determine its Climate Zone 1 expected outdoor durability.

Climate Zone 1* Mild Climate		Climate Zone 2* Humid/Warm Climate		Climate Zone 3* Dry/Hot Climate	
Vertical In Years	Horizontal In Years	Vertical In Years	Horizontal In Years	Vertical In Years	Horizontal In Years
12	6	10	5	8	4
10	5	8	4	6	3
8	4	6	3	4	2
7	3.5	5	2.5	3	1.5
6	3	4	2	2	1
5	2.5	3	1.5	1.5	0.75
4	2	2	1	1	0.5
3	1.5	1	0.5	0.5	0.25

* Maximum expected service life in years



Climate Zone 1 Mild Climate			
Canada			
United States			South America
Alaska	Northern Missouri	Connecticut	Southern Chile Southern Argentina
Washington	Wisconsin	New Hampshire	
Oregon	Illinois	Rhode Island	
Northern California	Michigan	Maine	
Idaho	Indiana		
Montana	Ohio		
Wyoming	Northern Kentucky		
Northern Utah	Pennsylvania		
Colorado	West Virginia		
North Dakota	Maryland		
South Dakota	Delaware		
Nebraska	New Jersey		
Kansas	New York		
Minnesota	Vermont		
Iowa	Massachusetts		

Climate Zone 2 Humid/Warm Climate		
United States		South America
Central and Southern California	Tennessee	Central and Northern Chile Southern Peru Southern Bolivia Uruguay Argentina
Nevada	Georgia	
Central and Southern Utah	Southern West Virginia	
Arizona	Virginia	
New Mexico	North Carolina	
Oklahoma	South Carolina	
Texas	Northern and Central Florida	
Mississippi		
Alabama		
Central and Southern Missouri		
Arkansas		
Louisiana		
Central and Southern Kentucky		

Climate Zone 3 Dry/Hot Climate	
Mexico	
All Central American countries All Caribbean countries and territories	
United States	South America
Hawaii	Colombia
Southern Florida	Ecuador
	Northern Peru
	Northern Bolivia
	Paraguay
	Venezuela
	Guyana
	Suriname
	French Guiana
	Brazil

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Use the nominal width and length chart below to order the correct roll size for your printer.

/// WIDTH CHART ///			/// LENGTH CHART ///		
Width Description	Standard Metric Width	Actual US Converted Width	Length Description	Standard Metric Length	Actual US Converted Length
15"	378 mm	14.882"	10 yard	9.14 meters	30 feet
24"	610 mm	24.016"	25 yard	23 meters	75 feet
30"	756 mm	29.767"	50 yard	46 meters	150 feet
36"	914 mm	35.980"			
40"	1016 mm	40.000"			
48"	1260 mm	49.607"			
50"	1270 mm	50.000"			
54"	1370 mm	53.937"			
60"	1520 mm	59.843"			
80"	2000 mm	78.740"			

ORAFOL products are German Engineered and proudly produced in the United States at our premier manufacturing facility in Ellabell, GA.

The facility is one of the most modern of its kind, in the Americas, and ensures both high quality product and rapid turn around time for delivery.



Located just outside of Savannah, GA ORAFOL Americas, Inc. distribution network spans the United States, Canada, Latin America and the Caribbean.





Engineered to Achieve Perfection™

Digital Inkjet Media Selection Guide

Front cover image courtesy of South Shore Sign Company, Matawan, NJ. ORAJET® 3620 with ORAGUARD® 200.
Back cover image courtesy of Artworks Commercial Graphics, Irving, TX. ORAJET® 3971RA+PS with ORAGUARD® 279.
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