

# 3M DIGITAL MEDIA QUICK REFERENCE

## 3M DIGITAL MEDIA QUICK REFERENCE GUIDE

Products

	Applications	Description	Recommended Laminate(s)
<b>IJ380Cv3</b> Controltac wrap w/Comply v3 Adhesive	Vehicle wraps, watercraft.	Unrivaled conformability and lifting resistance. No relief cuts.	8580, 1920DR
<b>IJ180C-10</b> Controltac film w/Comply Adhesive	Vehicle wraps/graphics, watercraft, labels, windows, frontlit signs	Provides air release, repositionability, slideability.	8518, 8519, 8520, 8908, 8909, 1920DR, 9720UV, 9720i, 8530
<b>IJ180Cv3</b> Controltac film w/Comply v3 Adhesive	Vehicle wraps/graphics, watercraft, labels, windows, frontlit signs	With new Cv3 air release, smoother appearance than Cv2.	
<b>IJ180Cv2</b> Controltac film w/Comply v2 Adhesive	Vehicle wraps/graphics, watercraft, labels, windows, frontlit signs	Smoother and glossier appearance than IJ180C.	
<b>IJ180-10</b> Controltac film	Vehicle wraps/graphics, watercraft, labels, windows, signs, awning	Medium to long-term graphics with removable gray adhesive.	
<b>IJ3552C</b> Controltac changeable film w/Comply	Vehicle wraps/graphics, windows, frontlit signs	Short-term applications that need conformability and slideability.	8518, 8519, 8520, 1920DR, 9720UV, 9720i
<b>IJ8171</b> Scotchcal perforated window graphic film	Vehicle wraps/graphics, windows	50/50 perforation pattern for inside-out viewing. Clear adhesive.	8914
<b>IJ8624</b> Scotchcal film for textured surfaces	Textured walls and surfaces	For short-term graphics on moderately textured surfaces.	89524
<b>IJ3630-20</b> Translucent graphic film	Backlit signage, awning, windows	Cast film for vibrant backlit images. Matte finish, clear adhesive.	8518, 8519, 8520, 8908, 1920DR, 8909, 9720UV, 9720i
<b>IJ3650-10</b> Translucent graphic film	Labels, frontlit signs, awning, banners	Opaque film for long-term graphics. Gray adhesive with luster finish.	8518, 8519, 8520, 8908, 8909, 1920DR, 9720UV, 9720i
<b>IJ3650-114</b> Scotchcal graphic film	Labels, backlit/frontlit signs, awning, smooth walls, windows	Clear film with clear adhesive, for medium to long-term applications.	
<b>IJ160C</b> Controltac film w/Comply Adhesive	Vehicle wraps/graphics, labels, frontlit signs, smooth walls, windows	White, opaque film for short-term graphics, for bubble-free installation.	8518, 8519, 8520, 8530, 1920DR, 9720UV, 9720i
<b>IJ160</b> Controltac graphic film	Vehicle wraps/graphics, labels, frontlit signs, smooth walls, windows	Opaque film with gray adhesive, for when slideability is required.	
<b>IJ3555</b> Scotchcal changeable graphic film	Vehicle and transit graphics, frontlit signs, smooth walls, windows	Ultimate in removability in short-term graphics.	8518, 8519, 8520, 8908, 8530, 1920DR, 8909, 9720UV, 9720i
<b>IJ162-10</b> Controltac graphic film	Interior floor	Opaque film with pressure-activated removable gray adhesive.	3645, 3648
<b>IJ35-10</b> Scotchcal graphic film	General signage/POP, smooth wall	Indoor and outdoor graphics, permanent gray adhesive, glossy.	8509, 8518, 8519, 8520, 8908
<b>IJ35C-10</b> Controltac graphic film	General signage/POP, smooth wall	Indoor and outdoor graphics, permanent gray adhesive, glossy.	8509, 8518, 8519, 8520, 8908
<b>IJ35-20</b> Scotchcal graphic film	General signage/POP, smooth wall	Indoor and outdoor graphics, permanent gray adhesive, matte.	8509, 8518, 8519, 8520, 8908
<b>IJ36-20</b> Scotchcal changeable graphic film	Flat vehicle graphics, general signage/POP, bus king/queen,	Excellent imageability and easy removal, for short-term applications.	8509, 8518, 8519, 8520, 8908
<b>IJ40C-10R</b> Scotchcal film w/Comply Adhesive	Flat vehicle graphics, general signage/POP, smooth wall, floor	Opaque, calendered, for flat and simple curve surfaces. Glossy.	8509, 8518, 8519, 8520, 8908
<b>IJ40C-20R</b> Scotchcal film w/Comply Adhesive	Flat vehicle graphics, general signage/POP, smooth wall, floor	Opaque, calendered, for flat and simple curve surfaces. Matte.	
<b>IJ46-20</b> Scotchcal changeable graphic film	Windows, flat vehicle graphics, bus wraps, general signage/POP	Excellent imageability for short-term graphics. Easy removal without heat.	8509, 8518, 8519, 8520, 8908
<b>IJ163-20</b> Changeable translucent graphic film	Windows, bus king/queen, backlit signage	For backlit signage with flat and simple curves. Clear adhesive.	8509, 8518, 8519, 8520
<b>IJ66</b> Scotchcal perforated window film	Windows, bus wraps	60% printable area. Clear adhesive removes easily in one piece.	3648
<b>IJ680CR</b> Scotchlite reflective film w/Comply	Vehicle and transit graphics, labels, frontlit signs	Enclosed lens film, flexible, for screen or electrostatic printing.	8518, 8519, 1920DR, 9720UV, 9720i
<b>IJ5100R</b> Scotchlite reflective film	Vehicle and transit graphics, labels, frontlit signs	Meets ASTM D-4956 07 for Type 1 sheeting. Medium-term use.	
<b>Panagraphics III</b> Wide width flexible substrate	Backlit signage, awning	Translucent, smooth front, semi-gloss finish. Medium to long-term use.	8518, 8519, 8520, 3640GPS, 3642GPS



# DIGITAL MEDIA QUICK REFERENCE

## ORACAL DIGITAL MEDIA QUICK REFERENCE GUIDE

Products	Applications	Description	Recommended Laminate(s)	
	<b>3951</b> CommandForm professional wrap	Complex vehicle graphics, marine/motorsport wraps, outdoor signage	Highly conformable. Repositionable gray adhesive.	290, 290F, 293
	<b>3951RA</b> RapidAir professional wrapping cast	Complex vehicle graphics, outdoor signage	High conformability of 3951, with advanced air release system.	240, 290, 290F, 293
	<b>3850</b> Translucent calendered PVC	Backlit signage	White translucent film with clear, permanent adhesive. Semi-gloss.	215
	<b>3691</b> Intermediate grade PVC	Medium-term promotional, outdoor signage, short-term banners	Intermediate grade PVC film with removable, gray adhesive.	210, 215
	<b>3676</b> Perforated PVC window film	Short to medium-term window graphics	60% printable area with clear, permanent adhesive.	290F
	<b>3675</b> Perforated PVC window film	Short to medium-term window graphics	50/50 perforation pattern with clear, permanent adhesive.	290F
	<b>3651</b> Intermediate grade PVC	Medium-term promotional, POP/exhibit, outdoor signage, banners	Intermediate grade PVC film with gray, permanent adhesive.	210, 215
	<b>3641</b> Soft calendered PVC	Short-term promotional, POP/exhibit, outdoor signage, banners	Soft PVC film with gray, water-based permanent adhesive.	200, 210
	<b>3640</b> Soft calendered PVC	Short-term promotional, POP/exhibit, outdoor signage, banners	Soft PVC film with clear, water-based permanent adhesive.	200, 210
<b>3628</b> Soft Calendered PVC w/low-tack adhesive	Interior wall and window graphics, including murals.	Soft PVC film with special low-tack polyacrylate adhesive. White, matte.	200, 210	
<b>3621</b> Economy PVC	Short-term promotional, POP/exhibit, outdoor signage (flat surfaces only)	Economy PVC film with gray, water-based removable adhesive.	200, 210	
<b>3620</b> Transparent window film	Short-term promotional, POP/exhibit, architectural window graphics	Transparent film with clear, water-based, removable adhesive.	200, 210	
<b>3551</b> CommandForm high performance PVC	Simple to moderate vehicle graphics, outdoor signage, banners	Ultra-calendered gloss film with repositionable adhesive.	215, 240, 290, 290F, 293	
<b>3551RA</b> RapidAir high performance PVC	Simple to moderate vehicle graphics, outdoor signage, banners	Features of 3551 with advanced air release system.	215, 240, 290, 290F, 293	
<b>3165</b> Calendered PVC	Medium-term promotional, POP/exhibit, outdoor signage, banners	Calendered PVC film with gray, solvent-based adhesive.	210, 215	
<b>3165RA</b> RapidAir high performance PVC	Medium-term promotional, POP/exhibit, outdoor signage, banners	Features of 3165 with advanced air release system.	210, 215	
<b>3164</b> Soft calendered PVC	Short-term promotional, POP/exhibit, outdoor signage, banners	Soft PVC film with clear, water-based permanent adhesive.	200, 210	
<b>3109</b> Calendered PVC	Short to medium-term transit graphics	Removable film with high level of pigmentation. Gray adhesive, gloss.	210, 215	
<b>1663</b> Floor graphics PVC	Floor graphics	PVC floor graphics film with clear adhesive. White, gloss or matte.	250AS, 255AS	
<b>5600</b> Conformable reflective cast PVC	Fleet Applications (solvent-inkjet printable)	Reflective PVC film with permanent adhesive. White.	290, 290F, 293	
<b>3268</b> Moveable wall graphics PVC	Contour-cut wall graphics in interior applications	Economical PVC film with low-tack adhesive. Adheres to latex paint.	200, 210	

**BELINE SOLVENT MEDIA**  
QUICK REFERENCE GUIDE

	Applications	Description	Recommended Laminate(s)	
Products	<b>Premium Photo Paper</b> Solvent and UV-curable inkjet paper	Photo reproductions requiring excellent ink saturation	7 mil resin coated photo paper with soft satin finish for low glare.	beline Overlaminate
	<b>Gloss Paper</b> Solvent and UV-curable inkjet paper	Everyday graphic applications	8 mil, 200g, gloss finish. Excellent color reproduction with paper base.	beline Overlaminate
	<b>Poster Paper</b> Solvent and UV-curable inkjet paper	Everyday use — Great when high opacity and rigidity are required	10 mil, 212g heavy latex saturated poster paper. Good wet strength.	beline Overlaminate
	<b>7 mil Polypropylene Film</b> Display film	Short-term graphic applications	Tear resistant with satin finish and fast dry time.	beline Overlaminate
	<b>9 mil Satin Film</b> Display film	Everyday applications needing excellent image reproduction	Water and tear resistant with satin finish and lay flat properties	beline Overlaminate
	<b>Instant-Dry Blockout Film</b> Display film	Applications requiring 100% opacity	Water and tear resistant, with gray backing and lays flat. High gloss.	beline Overlaminate
	<b>Backlit Film</b> Premium translucent display film	Backlit applications requiring good color saturation	Water and scratch resistant, with polyester base and matte finish.	beline Overlaminate

**BELINE AQUEOUS MEDIA**  
QUICK REFERENCE GUIDE

	Applications	Description	Recommended Laminate(s)	
Products	<b>Instant-Dry Gloss Photo Paper</b> Aqueous paper	All-purpose glossy prints	8 mil, 200g with resin base, bright white topcoat. Water resistant.	beline Overlaminate
	<b>Instant-Dry Satin Photo Paper</b> Aqueous paper	All-purpose prints needing a satin finish	8 mil, 200g with resin base, bright white topcoat. Water resistant.	beline Overlaminate
	<b>Matte Presentation Paper 140g</b> Aqueous presentation paper	Presentation paper for everyday applications	7 mil, 140g, FSC certified. Fast dry bright white surface for vivid colors.	beline Overlaminate
	<b>Matte Presentation Paper Lite</b> Aqueous presentation paper	Presentation paper for everyday applications	100g, FSC certified. Fast dry bright white surface for vivid colors.	beline Overlaminate
	<b>Instant-Dry White Blockout Film</b> Aqueous display film	Applications requiring 100% opacity	Water and tear resistant, with gray backing and lays flat. High gloss.	beline Overlaminate
	<b>Instant-Dry Backlit Film</b> Premium translucent display film	Backlit applications requiring good color saturation	6.5 mil, fast dry polyester film for use in backlit and frontlit graphics.	beline Overlaminate
	<b>Outdoor PSA Vinyl</b> Matte-face adhesive vinyl	POP displays, outdoor and indoor signs, everyday signage	6 mil, pressure sensitive with 5 mil liner and permanent adhesive.	beline Overlaminate
	<b>Outdoor Scrim Banner</b> Heavy weight banner	POP, tradeshow displays, indoor and outdoor applications	15 mil with smooth matte surface. Strong tear resistance.	beline Overlaminate

**ARLON DIGITAL MEDIA**  
QUICK REFERENCE GUIDE

	Applications	Description	Recommended Laminate(s)	
Products	<b>DPF 6000XRP NEW!</b> Repositionable premium cast film	Fleet graphics, vehicle wraps	Highly conformable with tinted, repositionable adhesive and X-Scape.	3200, 3220, 3230
	<b>DPF 6000X</b> Premium cast film with X-Scape technology	Fleet graphics, vehicle wraps	Highly conformable, with tinted, positionable adhesive and X-Scape.	3200, 3220, 3230
	<b>DPF 4560GTX</b> Intermediate film with X-Scape technology	Partial vehicle wraps, everyday signage	Features tinted permanent adhesive and X-Scape technology.	3200, 3220, 3231, 3420, 3420G
	<b>DPF 2400</b> Reflective engineering grade film	Vehicle graphics, road signs, rail cars	Reflective film with opaque permanent adhesive.	3200, 3220
	<b>DPF 6500</b> Cast translucent film	Backlit signs, POP displays	With clear, permanent adhesive for flat and curved surfaces. Translucent.	3230
	<b>DPF 4560GT</b> Intermediate film	Short-term graphics, high-gloss applications requiring blackout features	Features tinted, permanent, pressure-sensitive adhesive.	3420, 3420G
	<b>DPF 4590MT</b> Intermediate film	Short-term graphics, POP displays, real estate signage	Features tinted, permanent adhesive for coverage over existing graphics.	3420, 3420G
	<b>DPF 8000 NEW!</b> Intermediate film	Digital prints in cold temperatures or hard-to-stick surfaces	Engineered vinyl with high-tack permanent adhesive.	3420, 3420G
	<b>DPF 9000 NEW!</b> Engineering grade calendered film	Applications exposed to high heat, solvents or petrochemical products	Satin film with permanent adhesive for long-term outdoor durability.	3200, 3220, 3230

**3M OVERLAMINATES**  
QUICK REFERENCE GUIDE

	Applications	Description	Recommended Media
Products	<b>8509</b> Scotchcal luster overlaminate	Vehicle graphics/wraps, watercraft, labels, backlit signage, banner, walls	Economical film for use with 3M promotional films. Short-term use.
	<b>8518</b> Scotchcal gloss overlaminate	Vehicle graphics/wraps, watercraft, labels, backlit signage, banner, walls	Enhances gloss, provides UV/physical protection. "Wet paint" look.
	<b>8519</b> Scotchcal luster overlaminate	Vehicle wraps, watercraft, labels, backlit signage, banner, awning	Flexible and conformable cast film. Considered industry standard.
	<b>8520</b> Scotchcal matte overlaminate	Vehicle wraps, watercraft, labels, backlit signage, banner, awning	Cast film. Good for indoor use or to give unique look to vehicle wraps.
	<b>8524</b> Scotchcal luster overlaminate	Textured walls and surfaces	Clear, conforms with heat to moderately textured surfaces.
	<b>8914</b> Scotchcal optically clear overlaminate	Vehicle graphics/wraps, windows and glass	Conformable, cast, for protection from dust, water and dirt.
	<b>3645</b> Scotchcal luster overlaminate	Floor and table top graphics	Provides scuff-resistant durability and slip-resistant surface.
	<b>8580</b> Scotchcal gloss overlaminate	Vehicle graphics, watercraft	Conformable overlaminate provides durability for wraps. Lift-resistant.

**ORACAL OVERLAMINATES**  
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	Applications	Description	Recommended Media
Products	<b>200</b> Economy PVC film	P.O.P./exhibits, outdoor signage, banners, window graphics	Inexpensive protection for short-term graphics. 1 year UV protection.
	<b>210</b> PVC film	Outdoor signage, banners, P.O.P./exhibits, windows, walls, transit.	For digital prints in short to medium-term indoor and outdoor applications.
	<b>215</b> PVC film	Outdoor signage, banners, P.O.P./exhibits, vehicle/transit, backlit	Protects digital prints used in outdoor and backlit signage.
	<b>250AS</b> PVC film	Floor graphics	For indoor floor graphics. Raised, non-skid texture.
	<b>255AS</b> PVC film	Floor graphics	Protects indoor floor graphics exposed to heavy traffic.
	<b>290</b> Premium PVC cast film	Vehicle/fleet graphics, marine wraps, outdoor signage, banners	Durable, conformable, premium cast film for indoor and outdoor graphics.
	<b>293</b> Ultra flexible cast film	Vehicle/fleet graphics, marine wraps, outdoor signage, banners	Ultra-flexible, transparent premium cast film with gloss surface.
	<b>290F</b> Optically clear PVC cast film	Vehicle/fleet graphics, outdoor signs, banners, marine wraps, windows	For perforated window graphics and applications that need high clarity.

**ARLON OVERLAMINATES**  
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	Applications	Description	Recommended Media
Products	<b>Series 3200</b> Optically clear gloss overlaminate	Backlit signage, POP displays, fleet graphics, vehicle wraps	Optically clear with crystal finish. Conforms to complex curves/rivets.
	<b>Series 3220</b> Premium cast overlaminate	Backlit signage, POP displays, fleet graphics, vehicle wraps	Cast film with crystal finish. Conforms to complex curves/rivets.
	<b>Series 3230</b> Premium cast overlaminate	Backlit signage, POP displays, fleet graphics, vehicle wraps	Cast film with matte finish. Conforms to complex curves/rivets.
	<b>Series 3420</b> Premium calendared overlaminate	Short-term graphics, POP displays, real estate signage	Calendered film with matte finish. For flat and simple curve surfaces.
	<b>Series 3240G</b> Premium calendared overlaminate	Short-term graphics, POP displays, real estate signage	Calendered film with gloss finish. For flat and simple curve surfaces.