3M
Science.
Applied to Life.™

3M Commercial Solutions
Graphic Materials Product Catalog

Get the attention you deserve.

Turn heads with your favorite wrap films.

From stunning graphics to eye-catching colors, these films were made to get you noticed. They're loaded with the features you need for faster and easier installations and removals. So you can create one-of-a-kind graphics on vehicles, walls and signage.

▸ 3M™ Scotchlite™ Print Wrap Film 780mC-10R

▸ 3M™ Envision™ Print Wrap Films SV480mC and LX480mC

▸ 3M™ Print Wrap Film IJ180mC

▸ 3M™ Controltac™ Print Film 40C and 3M™ Envision™ Print Film 48C-20R

▸ 3M™ Scotchcal™ Translucent Graphic Film Series 3630 and 3M™ Envision™ Translucent Film Series 3730

▸ 3M™ Wrap Film Series 1080

FAVORITE SOLUTIONS

Product	Description	Film	Key Overlaminates
780mC-10R	3M™ Scotchlite™ Print Wrap Film 780mC-10R	Reflective	8518, 8519, 8548G, 8549L
SV480mC/LX480mC	3M™ Envision™ Print Wrap Film SV480mC 3M™ Envision™ Print Wrap Film LX480mC	Opaque	8548G, 8549L
IJ180mC	3M™ Print Wrap Film IJ180mC	Opaque	8518, 8519, 8915 8548G, 8549L, 8900
40C	3M™ Controltac™ Print Film 40C	Opaque	8518, 8519, 8508, 8509, 8510M
48C-20R	3M™ Envision™ Print Film 48C-20R	Opaque	8048G, 8050M
3630/3730	3M™ Scotchcal™ Translucent Graphic Film Series 3630 3M™ Envision™ Translucent Film Series 3730	Translucent	3658G, 3660M
1080	3M™ Wrap Film Series 1080	Solid-Color	8900

▲ **1080**
Separate yourself from the pack. Give clients the individuality they demand. Stay miles ahead of the trends with the newest and hottest wrap films and finishes.

◄ SV480mC and LX480mC
High-performance technology goes greener to revolutionize the way you wrap. Our ultra-versatile, non-PVC film gives you excellent print quality, plus a breakthrough boost in attributes.

▲ 780mC-10R
Upgrade to this unique reflective film that brings your design to life with 24/7 vibrancy. Get robust properties like conformability, efficient installation and reflectivity at wide angles for increased safety.

▲ IJ180mC-114, Clear
Mix printed images with clear areas to create ultra-cool, never-been-done-before designs with a subtly massive effect.

▲ 40C
48C-20R (non-PVC)
You'll love the slide, tack, snap-up and air release that can help you cover windows, walls, floors, signs, partial vehicle graphics and more.

▲ 3730
Customize the brightness and energy efficiency of your illuminated signs with 3M™ Envision™ Translucent Films and Flexible Substrates.

Get noticed today — and down the road.

Turn vehicles into rolling touch points and take your brands further than they've ever been before. These 3M films have the features you want for fast and easy installations, plus the durability you need for long-lasting good looks. Create custom graphics, messaging or colorful designs that go the extra mile.

◄ **780mC-10R**
Draw attention with this wrappable reflective print wrap film on vehicles, textured walls, parking structures and more.

▲ IJ180mC-10

Wrap vehicles faster with excellent liner release, slideability, initial tack and air release.

▲ LX480mC

Get unparalleled performance with a sustainability edge with this versatile print wrap film.

▲ 1080

Customize any vehicle with the latest colors plus get easy installation and damage-free removal.

VEHICLES AND TRANSPORTATION				
Product	**Description**	**Film**	**Key Overlaminates**	**Product Advantages**
780mC-10R*	3M™ Scotchlite™ Print Wrap Film 780mC-10R	Reflective	8518, 8519, 8548G, 8549L	• Robust properties enable conformability • Heat recovery minimizes bruising • Reflectivity at wide viewing angles
SV480mC LX480mC	3M™ Envision™ Print Wrap Film SV480mC 3M™ Envision™ Print Wrap Film LX480mC	Opaque	8548G, 8549L	All that IJ180mC offers and more, non-PVC, 150% stretch, excellent for installation in extreme temps, horizontal warranty
IJ180mC-10 IJ180mC-114 IJ180mC-120	3M™ Print Wrap Film IJ180mC-10, IJ180mC-114, IJ180mC-120	Opaque/Clear/Metallic	8518, 8519, 8548G, 8549L, 8528, 8900	Industry favorite for wraps, 130% stretch, optimized initial tack, slideability, air release and snap-up
IJ180mC-10UR	3M™ Print Wrap Film IJ180mC-10UR	Opaque	8518, 8519, 8900	Ultra-removable adhesive removes cleanly without heat or chemicals
IJ180C-10LSE	3M™ Print Wrap Film IJ180C-10LSE	Opaque	8518, 8519, 8548G, 8549L, 8528, 8900	Industry favorite for wraps, 130% stretch, slideability, pressure sensitive and snap-up
IJ180-10SLS	3M™ Print Wrap Film IJ180-10SLS	Opaque	8518, 8519, 8548G, 8549L, 8528, 8900	Industry favorite for wraps, 130% stretch, slideability, pressure activated and snap-up
IJ180Cv3	3M™ Controltac™ Graphic Film with Comply™ v3 Adhesive IJ180Cv3	Opaque	8518, 8519, 8548G, 8549L, 8528, 8915	Industry favorite for trailers and box trucks, 130% stretch, slideability, air release and snap-up
IJ8150	3M™ Scotchcal™ Clear View Graphic Film IJ8150	Transparent	8914, 8518	Optical clarity with excellent printability in a durable and even conformable film. Print unique effects, even see-through images.
8170-P50	3M™ Window Film 8170-P50	Perforated	8914, 8518	As a cast vinyl, offers excellent lifting resistance and durability Offered with 50/50 perforation pattern
IJ67	3M™ Scotchcal™ Perforated Window Film IJ67	Perforated	8518, 8914	• 60/40 perforation pattern • Removable adhesive for easy updates • For budget-minded, short-term applications
40C-10R 40C-20R 40C-114R	3M™ Controltac™ Print Film 40C-10R, 40C-20R, 40C-114R	Opaque/Clear	8518, 8519	• Go-to, multi-use film • For flat or simple curves • 7-year expected performance life
48C-20R	3M™ Envision™ Print Film 48C-20R	Opaque	8048G, 8050M	• Non-PVC with all the versatility of 40C • For flat or simple curves • Easy application and removal
Solid-Color Films				
1080	3M™ Wrap Film Series 1080	Solid-Color	8900	Ready to use right out of the box – with or without graphic protection. Features slideable and repositionable pressure-activated adhesive with non-visible air release channels. Removable
180mC	3M™ Controltac™ Graphic Film with Comply™ Adhesive Series 180mC	Solid-Color	8900	Film series 180mC with micro Comply™ Adhesive has non-visible air release channels for fast and easy, bubble-free graphic installations.
7725/7125	3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7725/7125	Solid-Color ElectroCut™	1920DR, 9740i	2-mil premium films designed for electronic cutting and thermal transfer. 7725 moisture-resistant synthetic liner lays flat and won't split. Flat and flat with rivets.
SC50	3M™ Scotchcal™ Graphic Film Series SC50	Solid-Color	1920DR, 9740i	3-mil intermediate films designed for electronic cutting and thermal transfer. Excellent cutting and weeding and removable adhesive. Flat and simple curves.

*This product is not yet intended for plotter or die-cut applications.
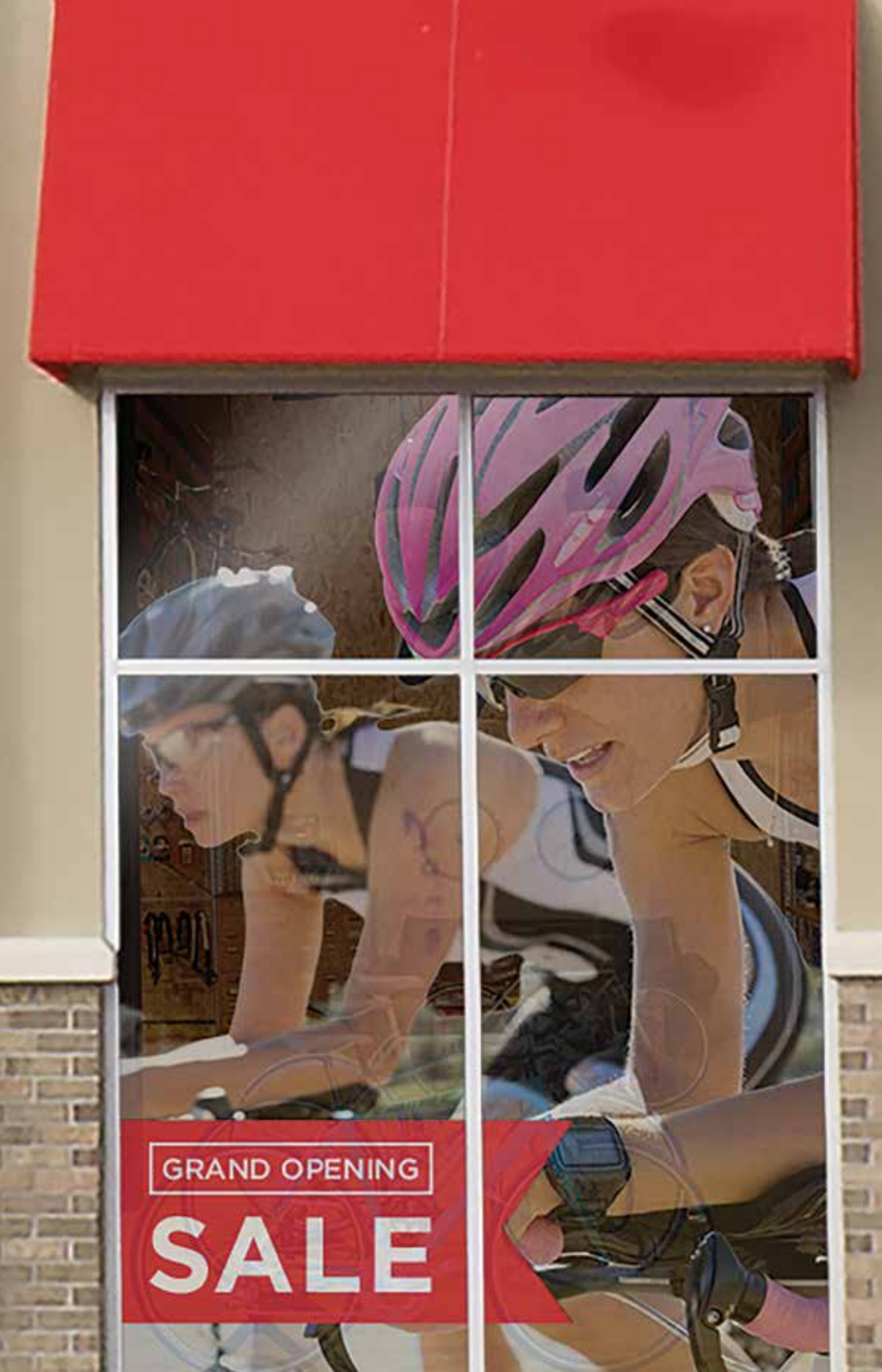
Turn window shoppers into customers.

Picture windows differently. See them as amazing real estate opportunities for long- or short-term branding. You'll help customers look their best — at the value they need — with design options from our comprehensive portfolio of window films.

◄ **40C-114R**
Get expanded design options with knockouts using this removable clear film.

▲ IJ8150
Create designs for vehicle, building or display windows using effects like translucent, frosted or even see-through graphics.

▲ 8170-P50
Enjoy excellent see-through capability with 50% perforation pattern.

▲ IJ67
Keep your messaging fresh — low tack, perforated with removable adhesive makes changing it clean and easy.

WINDOWS AND GLASS

Product	Description	Film	Key Overlaminates	Product Advantages
40C-114R	3M™ Controltac™ Print Film 40C-114R	Clear	8508, 8509, 8510M	• Easy, dry-apply installation • Up to 7-year expected performance life • Removable film for easy updates
IJ8150	3M™ Scotchcal™ Clear View Graphic Film IJ8150	Transparent	8914, 8518	• Optical clarity with excellent printability in a durable and even conformable film • Print unique effects, even see-through images
8170-P50 8170-P40	3M™ Window Film 8170-P50 3M™ Window Film 8170-P40	Perforated	8914, 8518	• As a cast vinyl, offers excellent lifting resistance and durability • 50/50 perforation pattern
IJ61	3M™ Changeable Graphic Film IJ61	Clear	N/A	• First or second surface • Wet or dry application • Changeable adhesive for easy removal
IJ67	3M™ Scotchcal™ Perforated Window Film IJ67	Perforated	8518, 8914	• 60/40 perforation pattern • Removable adhesive for easy updates • For budget-minded, short-term applications
Decorative Polyester	3M™ Decorative Polyester Glass Finish	Transparent	N/A	Clear glass finish that can be used to create custom color and design with UV inkjet or UV screen printing
Glass Finishes	3M™ Fasara™ and Crystal Glass Finishes	Transparent	N/A	Decorative glass and window films to integrated branding, as well as control both light and privacy through a building's interior glass, including the interior of an outside glass wall
DICHROIC Film	3M™ DICHROIC Films	Transparent	N/A	Appears to change color when viewed at various angles

Stand out to bring customers in.

Create a bright, inviting and engaging customer experience inside and out with illuminated sign films and substrates from 3M. Choose from an expanded line of standard colors as well as custom colors. Put your image in good hands with solutions that ensure global brand consistency. 3M is the partner you can trust to help bring your signs to life.

▲ **FS-1**

Engineered to be nearly twice as transmissive, which means more efficient use of LEDs and energy.*

*Unprocessed Envision™ Flexible Substrate FS-1 provides nearly twice the light transmission as unprocessed Panagraphics™ III Substrate (23% ± 3%).

▲ **3730**

Delivers high light transmission levels and allows for the ability to customize the brightness and efficiency of illuminated signs.**

**Most graphics using film series 3730 on diffuser film 3735-50 provide more light transmission than other graphics using 3M™ Scotchcal™ Translucent Film Series 3630 on 3M™ Diffuser Film 3635-30.

ILLUMINATED SIGNAGE				
Product	**Description**	**Film**	**Key Overlaminates**	**Product Advantages**
FS-1	3M™ Envision™ Flexible Substrate FS-1	Translucent	3658G, 3660M	• Designed for use with LED light sources • Up to 9 years of outdoor durability – backed by the 3M™ MCS™ Warranty • For inkjet direct printing, film and cut film decoration
3730	3M™ Envision™ Translucent Film Series 3730	Translucent	3658G, 3660M	• Designed for use with LED light sources • Available in standard colors (many with PANTONE® references) and custom colors • Up to 9 years of outdoor durability – backed by the 3M™ MCS™ Warranty
IJ3730	3M™ Envision™ Translucent Film IJ3730	Translucent	3658G, 3660M	• Designed for use with LED light sources • Up to 6 years of outdoor durability – backed by the 3M™ MCS™ Warranty • Solvent, UV and latex inkjet printable
P3	3M™ Panagraphics™ III Wide Width Flexible Substrate	Translucent	3658G, 3660M	• Wide width, splice free for seamless backlit signs • Up to 9 years of outdoor durability – backed by the 3M™ MCS™ Warranty • For inkjet direct printing, film and cut film decoration
3630	3M™ Scotchcal™ Translucent Graphic Film Series 3630	Translucent	3658G, 3660M	• Available in standard colors (many with PANTONE® references) and custom colors • Up to 9 years of outdoor durability – backed by the 3M™ MCS™ Warranty • Designed for fluorescent lighting applications
IJ3630-20	3M™ Scotchcal™ Translucent Graphic Film IJ3630-20	Translucent	3658G, 3660M	• Solvent, UV and latex inkjet printable • Matte surface finish eliminates glare and provides uniform color in reflected and transmitted light • Up to 6 years of outdoor durability – backed by the 3M™ MCS™ Warranty
IJ3650-114	3M™ Scotchcal™ Graphic Film Series IJ3650-114	Translucent	3658G, 3660M	• Solvent, UV and latex inkjet printable • Up to 6 years of outdoor durability – backed by the 3M™ MCS™ Warranty • Matte surface finish eliminates glare and provides uniform color in reflected and transmitted light

Change the landscape and grow your business.

3M's lineup of versatile films allows you to transform almost any surface into a business-growing opportunity. Cover floors and sidewalks with promotional messaging to generate traffic. Transform buildings and walls to create larger-than-life branding experiences. These durable films feature the performance and image quality you need to keep your messaging looking great for years to come.

◄**48C-20R**
Ideal for so many applications, this non-PVC film does it all — indoors and out.

▲ 40C

Get the versatility you need to cover windows, walls, floors, signs, partial vehicle graphics and more.

▲ 780mC-10R

Conformable on demand — even on compound curves, corrugations and textured surfaces.

▲ LX480mC

Install 50% faster* on textured walls with this ultra-versatile non-PVC print wrap film.

*Compared to 3M cast vinyl.

FLOORS AND SIDEWALKS				
Product	**Description**	**Film**	**Key Overlaminates**	**Product Advantages**
40C-10R 40C-20R 40C-114R	3M™ Controltac™ Print Film 40C-10R, 40C-20R, 40C-114R	Opaque/Clear	8509 3645	• Indoor, short-term promotional programs • Removable adhesive for easy updates • Can be used for other applications
48C-20R	3M™ Envision™ Print Film 48C-20R	Opaque	8050M 3645	• Non-PVC film with removable adhesive • Indoor, short-term promotional programs • Can be used for other applications
3662-10	3M™ Scotchcal™ Graphic Film 3662-10	Opaque	3647	• For exterior sidewalk applications • Excellent hiding power
BUILDINGS AND WALLS				
Product	**Description**	**Film**	**Key Overlaminates**	**Product Advantages**
780mC-10R	3M™ Scotchlite™ Print Wrap Film 780mC-10R	Reflective	8518, 8519, 8548G, 8549L	Robust, reflective film conforms to textured walls
SV480mC LX480mC	3M™ Envision™ Print Wrap Film SV480mC 3M™ Envision™ Print Wrap Film LX480mC	Opaque	8549L (textured walls), 8520, 8915, 8600	All that IJ180mC offers and more, non-PVC, 150% stretch, excellent for textured surfaces like brick or stucco, and smooth walls
IJ180mC-10 IJ180mC-114 IJ180mC-120	3M™ Print Wrap Film IJ180mC-10, IJ180mC-114, IJ180mC-120	Opaque Clear Metallic	8520, 8915, 8519, 8549L, 8600	For smooth walls, reliable adhesion, durability, slideability, air release and snap-up
180mC	3M™ Controltac™ Graphic Film with Comply™ Adhesive Series 180mC	Solid-Color	8900	Film series 180mC with micro Comply™ Adhesive Technology has non-visible air release channels for fast and easy, bubble-free graphic installations
40C-10R 40C-20R 40C-114R	3M™ Controltac™ Print Film 40C-10R, 40C-20R, 40C-114R	Opaque/Clear	8508, 8509, 8510M	• Go-to, multi-use film for flat/simple curves • Excellent printability • 7-year expected performance life
48C-20R	3M™ Envision™ Print Film 48C-20R	Opaque	8048G, 8050M	• Non-PVC with all the versatility of 40C • For flat or simple curves • Easy application and removal
IJ35C	3M™ Scotchcal™ Graphic Film w/ Comply™ Adhesive Series IJ35C	Opaque	8508, 8509, 8510M	For budget-priced applications where removability isn't a concern
IJ39-20	3M™ Scotchcal™ High Tack Graphic Film IJ39-20	Opaque	8508, 8509, 8510M	• High-tack adhesive for hard-to-stick surfaces • Sticks to many low-surface energy plastics

Get the right film. Right where you need it.

Be prepared for any marketing opportunity with versatile films that can cover a lot of territory. Available with various performance features and adhesion qualities, these films help you cover windows, walls, floors, signs, partial vehicle graphics and more with ease.

◄ **40C**
The versatility and practicality your customers demand. Slideability and air-release channels enable fast, easy, bubble-free installation.

▲ 48C

Use this 100% printer compatible, non-PVC film for a variety of sign applications.

▲ IJ35C

Optimized print surface lets you create outstanding graphics with gloss or matte finishes.

OTHER SIGNS AND DISPLAYS

Product	Description	Film	Key Overlaminates	Product Advantages
40C/40C-114R	3M™ Controltac™ Print Film 40C-10R, 40C-20R, 40C-114R	Opaque/Clear	8508, 8509, 8510M	● Go-to, multi-use film for flat/simple curves ● Excellent printability ● 7-year expected performance life
48C-20R	3M™ Envision™ Print Film 48C-20R	Opaque	8048G, 8050M	● Non-PVC with all the versatility of 40C ● For flat or simple curves ● Easy application and removal
IJ35C	3M™ Scotchcal™ Graphic Film with Comply™ Adhesive IJ35C	Opaque	8508, 8509, 8510M	● Air release channels for easy, bubble-free installations ● Gray adhesive for hiding power, making it easy to cover outdated promotions ● Budget-friendly price
IJ180mC-10 IJ180mC-114 IJ180mC-120	3M™ Print Wrap Film IJ180mC-10, IJ180mC-114, IJ180mC-120	Opaque Clear Metallic	8520, 8915, 8519, 8549L	For general signs, reliable adhesion, durability, slideability, air release and snap-up
IJ680CR	3M™ Scotchlite™ Removable Reflective Film w/ Comply™ Adhesive IJ680CR	Reflective	Various	For signs that are seen during the day and are reflective at night
IJ5100R	3M™ Scotchlite™ Reflective Graphic Film 5100R/IJ5100R	Reflective	Various	For signs that are seen during the day and are reflective at night
Solid-Color Films				
180mC	3M™ Controltac™ Graphic Film with Comply™ Adhesive Series 180mC	Solid-Color	8900	Film series 180mC with micro Comply™ Adhesive Technology has non-visible air release channels for fast and easy, bubble-free graphic installations
7725/7125	3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7725/7125	Solid-Color ElectroCut™	1920DR, 9740i	Designed for electronic cutting. 7725 moisture-resistant synthetic liner lays flat and won't split. Flat and flat with rivets

Overlaminates that take your designs over the top.

Protect and enhance your wrap films with overlaminates that take your designs to the next level. Available in a variety of finishes, they'll give your wraps just the right look and keep them that way well into the future.

▲ 8548G
A more environmentally friendly overlaminate that's versatile enough to wrap vehicles, boats, buildings and more.

▲ 8600
Add texture and depth to printed graphics with our new embossed overlaminates for smooth, interior walls.

▲ 8900
Enhance the appearance and durability of your printed graphics or solid films.

KEY OVERLAMINATES		
Product	**Description**	**Type**
8048G	3M™ Envision™ Gloss Overlaminate 8048G	Gloss
8050M	3M™ Envision™ Matte Overlaminate 8050M	Matte
8508	3M™ Scotchcal™ Gloss Overlaminate 8508	Gloss
8509	3M™ Scotchcal™ Luster Overlaminate 8509	Luster
8510M	3M™ Scotchcal™ Matte Overlaminate 8510M	Matte
8518	3M™ Scotchcal™ Gloss Overlaminate 8518	Gloss
8519	3M™ Scotchcal™ Luster Overlaminate 8519	Luster
8548G	3M™ Envision™ Gloss Wrap Overlaminate 8548G	Gloss
8549L	3M™ Envision™ Luster Wrap Overlaminate 8549L	Luster
8600	3M™ Décor Overlaminate 8600	Matte
8900	3M™ Wrap Overlaminate Series 8900	Sparkle Brushed Carbon Fiber
8914	3M™ Scotchcal™ Optically Clear Overlaminate 8914	Gloss
8915	3M™ Scotchcal™ Ultra-Matte Overlaminate 8915	Ultra-Matte
3658G	3M™ Scotchcal™ Gloss Overlaminate 3658G	Gloss
3660M	3M™ Scotchcal™ Matte Overlaminate 3660M	Matte

The secret to success.

Get professional results using professional installation tools.

3M™ Finish Line Knifeless Tape
Easily cuts most vinyl wrap films —
complete installations without a blade.

3M™ Bridge Line Knifeless Tape
Evenly cuts graphics bridging from
one panel to the next.

3M™ Air Release Tool 391x
Punctures applied film to
remove air bubbles.

**3M™ Hand Applicator PA1-Blue and
PA1-Gold**
Reusable squeegee-type applicator for
smoothing film during installs.

3M™ Low Friction Sleeve SA-1
Reusable sleeve fits over PA1 applicators
to protect substrates from scratches.

3M™ Perf Line Knifeless Tape
Cuts uniform margins
between window graphics
and rubber moldings.

3M™ Design Line Knifeless Tape
Engineered to create highly
contoured designs with sharp,
clean edges.

**3M™ Power Grip Rivet
Brush Applicator RBA-3**
Burnishes film over rivets.

**3M™ Power Grip Magic Pad Rivet
Applicator CMP-1**
Designed for installing 3M™ Controltac™
Graphic Films with Comply™ Adhesive
over rivets.

**3M™ Tri Line Knifeless Tape
(6mm and 9mm)**
Ensures accurate, consistent stripe width
from one end of the vehicle to the other.

**3M™ Rivet Brush Applicator
RBA-1**
Helps to install films over rivets.

**3M™ Power Grip Multi-Pin Air
Release Tool MPP-1**
Uniquely designed to release the air
around rivets in one single motion.

Geek Wraps® Soft Edge Squeegee
Micro-fiber edge does not heat up and absorbs water from the edges of film.

3M™ Adhesion Test Kit for SMOOTH Substrates ATK-1
Instructions, instruments and film samples to perform adhesion value testing.

Geek Wraps® Power Slam Magnets
Holds film to vehicle during installation without damaging the vehicle or graphics.

Geek Wraps® Heat Gun Grip
Adheres around heat gun body, staying clear of hot sections and exhaust areas.

Geek Wraps® Wrap Juice
For use with Comply™ Adhesive films to help squeegees easily glide over warmed film.

Geek Wraps® Emblem Removal Tool
Removes emblems intact without damaging the vehicle's paint.

3M™ Roller L (large)
3M™ Roller S (small)
Finishing tool for vehicle channels.

Geek Wraps® Air Wrangler Torch Roller
Helps to apply film to rivets and textured surfaces.

3M™ Rapid Roller Applicator CPA-2
Exclusively for applying 3M™ Controltac™ Graphic Films with Comply™ Adhesive.

3M™ Vehicle Channel Applicator Tool VCAT-2
Helps to conform film into vehicle channels.

3M™ Textured Surface Applicator TSA-2
Conforms heated film to mortar joints and inside corners.

3M™ Textured Surface Applicator TSA-3
Conforms heated film around cut edges and in corners.

Geek Wraps® Wrap Wand
Helps to lay vinyl into tight crevices and score body seams.

3M™ Textured Surface Applicator TSA-1
Conforms large areas of film onto textured surfaces.

3M™ Power Grip Applicator for 3M™ Comply™ Adhesive Films CPA-1
Covers large areas with uniform pressure distribution.

3M™ Two-Handled Textured Surface Applicator TSA-4 for Large Area
Increases installation productivity. Requires heat gun (not included).

Once we have you covered, you're covered.

3M Basic Product Warranty

Prepare to be amazed. No physical damage. No visual or adhesive defects. Just stunning graphics, guaranteed. Basically, anything that affects the functionality of our adhesive-backed graphic film is covered.

3M Performance Guarantee

When 3M™ MCS™ Warranty approved inks aren't an option, try a 3M Performance Guarantee for specific 3M inkjet products with qualified and tested OEM inks.

3M™ MCS™ Warranty

The most comprehensive finished graphics warranty in the industry. When you use finished graphics made with all 3M Graphics products and components, you're protected for virtually any application.

3M™ MCS™ Warranty

All warranty coverage is contingent upon using 3M Graphics products as described in the applicable 3M Graphics Product and Instruction Bulletins found at 3Mgraphics.com/TechInfo.

Be recognized as the best.

Professional installers who complete unique 3M installation testing programs will be designated as the best in the business. If your installation skills need a little fine tuning, we can give you personalized advanced training to prepare you for an installer testing program.

3M Advanced
Installation Training

Get three days of personal, hands-on training from 3M Graphics Authorized Trainers. Practice your skills on 11 stations to prepare you for the testing programs listed here.

3M Certified
Graphics Installation Company

Once at least one of your installers successfully completes all testing and requirements, your company will be promoted on 3M.com/GraphicsInstaller and UASG.org.

3M Preferred
Graphics Installer

Successfully passing this assessment will increase your status as an installer. You'll be listed as a 3M Preferred Graphics Installer on the Locate an Installer link on 3M.com/GraphicsInstaller.

3M Endorsed
Knifeless Tape
Installer

Qualified 3M Graphics Installers will get hands-on training using 3M™ Knifeless Tape technology. Once you've successfully completed the 3M Endorsed Knifeless Tape assessment, you'll be recognized by your customers and peers for your commitment to excellence.

Find out how to be the best at **3M.com/InstallationPrograms**.

Printable Films

NUMBER	IJ MEDIA	Trailers/Box Trucks	Vehicle Wraps	Watercraft	Transit	Label	Signage Backlit	Signage-Non Backlit	Awning	Smooth Walls	Textured Walls & Surfaces	Window or Glass	Floor	EPL	MCS	PG	Flat	Flat with Rivets	Corrugated	Simple Curves	Compound Curves	Deep Channels Concave	Flexible Substrates	Textured Wall & Surfaces
APPLICATIONS														**DURABILITY/ WARRANTIES**			**APPLICATION SURFACES**							
Printable Films																								
40C-10R 40C-20R	3M™ Controltac™ Print Film 40C-10R, 40C-20R, 40C-114R	x	x		x		x			x		x	x	7			x			x				
48C-20R	3M™ Envision™ Print Film 48C-20R	x	x		x		x			x		x	x	5			x			x				
780mC-10R	3M™ Scotchlite™ Print Wrap Film 780mC-10R	x	x	x	x			x			x			9	x	x	x	x	x	x	x			x
8170-P40 8170-P50	3M™ Window Film 8170-P50 and 8170-P40											x		3	x		x			x				
IJ160	3M™ Controltac™ Graphic Film IJ160	x			x	x	x			x		x	x	7	x	x	x	x		x				
IJ160C	3M™ Controltac™ Graphic Film w/ Comply™ Adhesive IJ160C	x			x	x	x			x		x		7	x	x	x	x		x				
IJ162-10	3M™ Controltac™ Graphic Film IJ162-10												x	1	x	x	x							
IJ170Cv3	3M™ Scotchcal™ Graphic Film w/ Comply™ Adhesive IJ170Cv3	x	x	x	x		x			x		x		10	x	x	x	x	x	x	x			
IJ180	3M™ Controltac™ Graphic Film IJ180	x	x	x	x		x		x	x		x		10	x	x	x	x	x	x	x		x	x
IJ180-10SLS	3M™ Print Wrap Film IJ180-10SLS	x								x				10	x	x	x	x	x	x				
IJ180C	3M™ Controltac™ Graphic Film w/ Comply™ Adhesive IJ180C	x	x	x	x	x	x			x		x		10	x	x	x	x	x	x	x		x	x
IJ180C-10LSE	3M™ Print Wrap Film IJ180C-10LSE					x								10	x	x	x			x				
IJ180Cv3	3M™ Controltac™ Graphic Film w/ Comply™ Adhesive v3 IJ180Cv3	x	x	x	x	x	x			x		x		10	x	x	x	x	x	x	x		x	
IJ180mC-10	3M™ Print Wrap Film IJ180mC-10	x	x	x	x		x			x		x		10	x	x	x	x	x	x	x		x	
IJ180mC-114	3M™ Print Wrap Film IJ180mC-114	x	x	x	x		x			x		x		10	x	x	x	x	x	x	x		x	
IJ180mC-120	3M™ Print Wrap Film IJ180mC-120	x	x	x	x		x			x		x		10	x	x	x	x	x	x	x		x	
IJ180mC-10UR	3M™ Print Wrap Film IJ180mC-10UR	x	x		x		x			x		x		8	x	x	x			x	x			
IJ35-10 IJ35-20	3M™ Scotchcal™ Graphic Film IJ35					x	x			x				5			x			x				
IJ3555	3M™ Scotchcal™ Changeable Graphic Film IJ3555	x			x		x			x		x		2	x	x	x	x		x				
IJ35C-10 IJ35C-20	3M™ Scotchcal™ Graphic Film w/ Comply™ Adhesive Series IJ35C					x	x			x				5			x			x				
IJ36-20	3M™ Transit Ad Graphic Film IJ36	x			x		x							1			x			x				
IJ3630-20	3M™ Scotchcal™ Translucent Graphic Film IJ3630-20						x		x			x		7	x	x	x			x			x	
IJ3650-10	3M™ Scotchcal™ Graphic Film Series IJ3650-10	x				x	x	x	x					10	x	x	x			x			x	
IJ3650-114	3M™ Scotchcal™ Graphic Film Series IJ3650-114	x				x	x	x	x	x		x		8	x	x	x			x			x	
IJ3730	3M™ Envision™ Translucent Film IJ3730						x		x			x		7	x	x	x			x			x	
IJ380Cv3	3M™ Controltac™ Wrap Film w/ Comply™ v3 Adhesive IJ380Cv3		x	x										10	x	x	x	x	x	x	x	x		
IJ39-20	3M™ Scotchcal™ High Tack Graphic Film IJ39-20	x				x	x			x				5			x			x				
IJ46-20	3M™ Transit Wrap Graphic Film IJ46	x		x			x			x				1			x			x				
IJ5000	3M™ Scotchlite™ Reflective Graphic Film 5000/IJ5000	x				x								1.5	x		x		x	x				
IJ5100	3M™ Scotchlite™ Reflective Graphic Film 5100/IJ5100	x		x	x									7	x	x	x		x	x				
IJ5100R	3M™ Scotchlite™ Reflective Graphic Film 5100R/IJ5100R	x		x	x									7	x	x	x		x	x				
IJ61	3M™ Changeable Graphic Film IJ61						x					x		1			x			x				
IJ63-20	3M™ Scotchcal™ Changeable Translucent Graphic Film IJ63						x	x				x		1			x			x				
IJ67	3M™ Scotchcal™ Perforated Window Film IJ67	x		x								x		1			x			x				
IJ680	3M™ Scotchlite™ Reflective Graphic Film IJ680	x		x	x									9	x	x	x	x	x	x				
IJ680CR	3M™ Scotchlite™ Removable Reflective Film w/ Comply™ Adhesive IJ680CR	x		x	x									9	x	x	x	x		x				
IJ8150	3M™ Scotchcal™ Clear View Graphic Film IJ8150	x	x		x		x	x				x		7	x	x	x			x	x			
IJ8624	3M™ Scotchcal™ Graphic Film for Textured Surfaces IJ8624										x			7			x			x				x
LX480mC	3M™ Envision™ Print Wrap Film LX480mC	x	x	x	x	x	x			x		x		11	x	x	x	x	x	x	x		x	x
SV480mC	3M™ Envision™ Print Wrap Film SV480mC	x	x	x	x	x	x			x		x		11	x	x	x	x	x	x	x		x	x

Material	Cast or Non-Cast	Thickness (mils)	Face Finish	Opaque/Translucent/Transparent/Perforated/Retroreflective/Metallic	Adhesive Color	Characteristics	Permanent	Removable	Changeable/Ultra-Removable	Inkjet-Solvent/Eco-Solvent	Inkjet-UV	Inkjet Latex	Polyethylene-Coated Paper	Polyester Layflat	Kraft Paper	Roll widths (in inches), Core sizes (in inches)	Roll lengths (in yards unless otherwise specified)
Vinyl	Non-Cast	3	G,M	Opaque	Gray with hiding power	Pressure-Activated with Air Release Channels		x		x	x	x	x			30, 54, 60; 3, 6	50/100/200
Non-PVC	Non-Cast	3	M	Opaque	Gray with hiding power	Pressure-Activated with Air Release Channels		x		x	x	x	x			54; 3	50
Vinyl	N/A	7	L	Retroreflective	Clear	Pressure-Activated		x		x	x	x	x			48; 3, 6	25/50/100
Vinyl	Cast	4	G	Opaque/Perforated	Clear	Pressure-Sensitive		x		x	x	x	x			36, 53.5; 3, 6	10/25/50
Vinyl	Non-Cast	4	M	Opaque	Gray	Pressure-Activated		x		x	x	x	x			30, 48, 54, 60; 3, 6	50/100/150/200
Vinyl	Non-Cast	4	M	Opaque	Gray	Pressure-Activated with Air Release Channels		x		x	x	x	x			30, 48, 54, 60; 3, 6	50/100/150/200
Vinyl	Non-Cast	4	M	Opaque	Gray	Pressure-Activated		x		x	x	x	x			48, 54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Sensitive with Non-Visible Air Release channels		x		x	x	x	x			54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Activated		x		x	x	x	x			30, 36, 48, 54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Activated	x			x	x	x	x			48, 54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Activated with Air Release Channels		x		x	x	x	x			30, 36, 48, 54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Sensitive	x			x	x	x	x			48, 54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Activated with Non-visible Air Release Channels		x		x	x	x	x			30, 36, 48, 54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Activated with Non-visible Air Release Channels		x		x	x	x	x			30, 36, 48, 54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L	Transparent	Clear	Pressure-Activated with Non-visible Air Release Channels		x		x	x	x	x			48, 54, 60	25/50/100/150/200
Vinyl	Cast	2	L	Metallic	Gray	Pressure-Activated with Non-visible Air Release Channels		x		x	x	x	x			54, 60	25/50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Activated with Non-visible Air Release Channels			x	x	x	x	x			48, 54, 60; 3, 6	50/100/150/200
Vinyl	Non-Cast	3.2	G,M	Opaque	Gray with hiding power	Pressure-Sensitive	x			x	x	x		x		30, 54, 60.5; 3, 6	50/100/200
Vinyl	Non-Cast	4	M	Opaque	Gray with hiding power	Pressure-Sensitive			x	x	x	x	x			30, 54, 60; 3, 6	50/100/150/200
Vinyl	Non-Cast	3.2	G,M	Opaque	Gray with hiding power	Pressure-Sensitive with Air Release channels	x			x	x			x		30, 54, 60.5; 3, 6	50/100/200
Vinyl	Non-Cast	3.4	M	Opaque	Gray with hiding power	Pressure-Sensitive			x	x	x	x		x		54, 61.5; 3, 6	50/100/200
Vinyl	Cast	2	M	Transparent	Clear	Pressure-Sensitive	x			x	x	x				48, 54, 60; 3, 6	50/100/150/200
Vinyl	Cast	2	L	Opaque/Perforated	Gray	Pressure-Sensitive	x			x	x			x		30, 48, 54, 60; 3, 6	25/50/100/150/200
Vinyl	Cast	2	L		Clear	Pressure-Sensitive	x			x	x	x				48, 54, 60; 3, 6	50
Vinyl	Cast	2	M	Transparent	Clear	Pressure-Sensitive	x			x	x			x		54; 3, 6	50/100/150/200
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Activated with Non-visible Air Release Channels		x		x	x	x	x			54; 3	25/50
Vinyl	Non-Cast	3.5	M	Opaque	Clear	Pressure-Sensitive	x			x	x	x		x		54; 3	50
Vinyl	Non-Cast	4	M	Opaque	Gray with hiding power	Pressure-Sensitive			x	x	x	x		x		54, 60; 3, 6	50/100/200
Vinyl	N/A	6	L	Retroreflective	Clear	Pressure-Sensitive	x			x	x			x		48; 3	50
Vinyl	N/A	7	L	Retroreflective	Clear	Pressure-Sensitive	x			x	x	x	x			48; 3	10/50
Vinyl	N/A	7	L	Retroreflective	Clear	Pressure-Sensitive		x		x	x	x	x			48; 3	10/50
Vinyl	Non-Cast	3	G	Transparent	Clear	Pressure-Sensitive			x	x	x			x		54; 3	50
Vinyl	Non-Cast	3.2	M	Translucent	Clear	Pressure-Sensitive			x	x	x	x		x		54; 3, 6	50/100/200
Vinyl	Non-Cast	5.9	M	Opaque	Clear	Pressure-Sensitive		x		x	x	x	x			27, 54; 3	10/25/50
Vinyl	N/A	7	L	Retroreflective	Clear	Pressure-Activated	x			x	x	x	x			36, 48; 3, 6	50/100
Vinyl	N/A	7	L	Retroreflective	Clear	Pressure-Activated with Air Release Channels		x		x	x	x	x			36, 48; 3, 6	50/100
Vinyl	Cast	2	G	Transparent	Clear	Pressure-Sensitive			x	x	x	x		x		54, 60; 3	25/50
Vinyl	Cast	2	L	Opaque	Gray	Pressure-Sensitive		x		x			x			30, 54; 3	25/50/100/150/200
High Performance non-PVC		2	L	Opaque	Gray	Pressure-Activated with Non-visible Air Release Channels		x			x	x	x			48, 54, 60; 3, 6	25/50/100/150/200
High Performance non-PVC		2	L	Opaque	Gray	Pressure-Activated with Non-visible Air Release Channels		x		x	x		x			48, 54, 60; 3, 6	25/50/100/150/200

Translucents, Flexible Substrates, Colored Films and Graphic Protection

NUMBER	IJ MEDIA	Trailers/Box Trucks	Vehicle Wraps	Watercraft	Transit	Label	Signage Backlit	Signage-Non Backlit	Awning	Smooth Walls	Textured Walls & Surfaces	Window or Glass	Floor	EPL	MCS	PG	Flat	Flat with Rivets	Corrugated	Simple Curves	Compound Curves	Deep Channels Concave	Flexible Substrates	Textured Wall & Surfaces
Translucents																								
3630/3730	3M™ Scotchcal™ Translucent Graphic Film Series 3630 / 3M™ Envision™ Translucent Film Series 3730						x							7	x								x	
Flexible Substrates																								
FS-1	3M™ Envision™ Flexible Substrate FS-1						x							6	x								x	
P3	3M™ Panagraphics™ III Wide Width Flexible Substrate						x							6	x								P3	
Colored Films																								
50	3M™ Scotchcal™ Graphic Film Series 50	x			x	x								5			x			x				
1080	3M™ Wrap Film Series 1080	x	x	x	x	x								7	x		x			x	x			
180mC	3M™ Controltac™ Graphic Film w/ Comply™ Adhesive 180mC	x	x	x	x	x								10	x		x	x	x	x	x			
7125	3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7125	x			x	x								8	x		x	x		x				
7725	3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7725	x			x	x								8	x		x	x		x				
Graphic Protection																								
1920DR	3M™ Screen Print Dirt Resistant Gloss Clear 1920DR	x					x							5			x							
3619	3M™ Scotchcal™ Luster Overlaminate 3619						x	x						6	x		x						x	
3620	3M™ Scotchcal™ Matte Overlaminate 3620						x	x						6	x		x						x	
3645	3M™ Scotchcal™ Luster Overlaminate 3645												x	1	x	x	x							
3658G	3M™ Scotchcal™ Gloss Overlaminate 3658G						x	x	x					9	x		x			x			x	
3660M	3M™ Scotchcal™ Matte Overlaminate 3660M						x	x	x					9	x		x			x			x	
8048G	3M™ Envision™ Gloss Overlaminate 8048G	x			x	x	x	x		x		x		4			x			x				
8050M	3M™ Envision™ Matte Overlaminate 8050M	x			x	x	x	x		x		x		4			x			x				
8508	3M™ Scotchcal™ Gloss Overlaminate 8508				x	x	x	x		x		x		4			x			x				
8509	3M™ Scotchcal™ Luster Overlaminate 8509				x	x	x	x		x		x	x	4			x			x				
8510M	3M™ Scotchcal™ Matte Overlaminate 8510M				x	x	x	x		x		x		4			x			x				
8518	3M™ Scotchcal™ Gloss Overlaminate 8518	x	x	x	x		x							8	x	x	x	x	x	x	x			
8519	3M™ Scotchcal™ Luster Overlaminate 8519	x	x	x	x	x	x		x	x				8	x	x	x	x	x	x	x	x		
8520	3M™ Scotchcal™ Matte Overlaminate 8520	x	x	x	x	x	x		x	x				8	x	x	x	x	x	x	x	x		
8524	3M™ Scotchcal™ Luster Overlaminate 8524										x			7			x			x				x
8530	3M™ Piezo Inkjet Protective Clear 8530	x					x							3			x							
8548G	3M™ Envision™ Gloss Wrap Overlaminate 8548G	x	x	x	x		x			x	x	x		9	x		x	x	x	x	x	x		x
8549L	3M™ Envision™ Luster Wrap Overlaminate 8549L	x	x	x	x		x			x	x	x		9	x		x	x	x	x	x	x		x
8600	3M™ Décor Overlaminate 8600									x				8	x		x							
8900	3M™ Wrap Overlaminate Series 8900	x	x	x	x	x				x						x		x	x		x	x	x		
8914	3M™ Scotchcal™ Optically Clear Overlaminate 8914	x	x		x							x		8	x	x	x			x				
8915	3M™ Scotchcal™ Ultra-Matte Overlaminate 8915		x	x			x	x		x				8	x	x	x	x	x	x	x	x		
9740i	3M™ Screen Print UV Gloss Clear 9740i					x				x				8			x	x	x					
9760LX	3M™ Screen Print UV Gloss Clear 9760LX					x				x							x	x		x				

FILM CHARACTERISTICS					ADHESIVE					IMAGING METHOD			LINER			AVAILABILITY	
Material	Cast or Non-Cast	Thickness (mils)	Face Finish	Opaque/Translucent/Transparent/Perforated/Retroreflective	Adhesive Color	Characteristics	Permanent	Removable	Changeable/Ultra-Removable	Inkjet-Solvent/Eco-Solvent	Inkjet-UV	Inkjet Latex	Polyethylene-Coated Paper	Polyester Layflat	Kraft Paper	Roll widths (in inches), Core sizes (in inches)	Roll lengths (in yards unless otherwise specified)
Vinyl	N/A	2	L	Translucent	Clear	Pressure-Sensitive	x									79, 98, 102, 126, 150 ,165; 3	164 ft
Vinyl	N/A	20	L	Translucent	N/A					x	x	x				79, 98, 102, 126, 150 ,165; 3	164 ft
Vinyl	N/A	20	L	Translucent	N/A					x	x	x				59, 79, 98, 102, 126, 150, 165; 3	164 ft
Vinyl	Non-Cast	3	G,M	Opaque	Clear	Pressure-Sensitive		x							x	15, 24, 30, 36, 48; 3	5/50
Vinyl	Cast	3.5	G,M,L	Opaque	Gray	Pressure-Activated with Air Release Channels		x					x		x	60; 3	5/10/25/50
Vinyl	Cast	3	G,M,L	Opaque	Gray	Pressure-Activated with Air Release Channels		x					x			15, 24, 30, 36, 48, 60 (varies by color)	50/100/150/200
Vinyl	Cast	3	G,M,L	Opaque	Clear	Pressure-Sensitive	x								x	15, 24, 30, 48, 60; 3, 6	5/50/100/200/250
Vinyl	Cast	3	G,M,L	Opaque	Clear	Pressure-Sensitive	x								x	15, 24, 30, 48, 60; 3, 6	5/50/100/200/250
N/A	N/A	N/A	N/A		Clear		x			x	x	x				N/A	N/A
Vinyl	Cast	2	L	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	48, 54, 60; 3	50
Vinyl	Cast	2	M	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	48, 54, 60; 3	50
Vinyl	Cast	8	L	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	36, 48, 54; 3	50
Vinyl	Cast	2	G	Transparent	Clear	Pressure-Sensitive	x			x	x				x	48, 54, 60; 3	50
Vinyl	Cast	2	M	Transparent	Clear	Pressure-Sensitive	x			x	x				x	48, 54, 60; 3	50
Non-PVC	Non-Cast	2	G	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	54; 3	50
Non-PVC	Non-Cast	2	M	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	54; 3	50
Vinyl	Cast	2.3	G	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	30, 54, 61; 3	50/100
Vinyl	Non-Cast	3	L	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	30, 54, 61; 3	50/100
Vinyl	Non-Cast	3.2	M	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	30, 54, 61; 3	50/100
Vinyl	Cast	2	G	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	54; 3	25/50
Vinyl	Cast	2	L	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	36, 48.5, 54, 60; 3	25/50/100
Vinyl	Cast	2	M	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	36, 48.5, 54, 60; 3	25/50/100
Vinyl	N/A	2	L	Transparent	Clear	Pressure-Sensitive	x			x		x			x	30, 54; 3	25/50
N/A	N/A	N/A	L		Clear		x			x	x	x				N/A	N/A
High Performance non-PVC		2	G	Transparent	Clear	Pressure-Sensitive	x			x	x	x		x		54, 60; 3	25/50/100
High Performance non-PVC		2	L	Transparent	Clear	Pressure-Sensitive	x			x	x	x		x		54; 3	25/50/100
Vinyl	Cast	2.5-3.5	G	Opaque	Clear	Pressure-Sensitive	x			x	x	x			x	60; 3	25/50
Vinyl	Cast	2	G	Transparent	Clear	Pressure-Sensitive	x			x	x	x		x	x	60; 3	25
Vinyl	Cast	2	G	Transparent	Optically Clear	Pressure-Sensitive	x			x	x	x		x		48, 54; 3	10/50
Vinyl	Cast	2	UM	Transparent	Clear	Pressure-Sensitive	x			x	x	x			x	49, 54, 60; 3	50
N/A	N/A	N/A	G		Clear		x			x	x					N/A	N/A
N/A	N/A	N/A	G		Clear		x					x				N/A	N/A

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3M™ Envision™ Overlaminates 8048G and 8050M

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