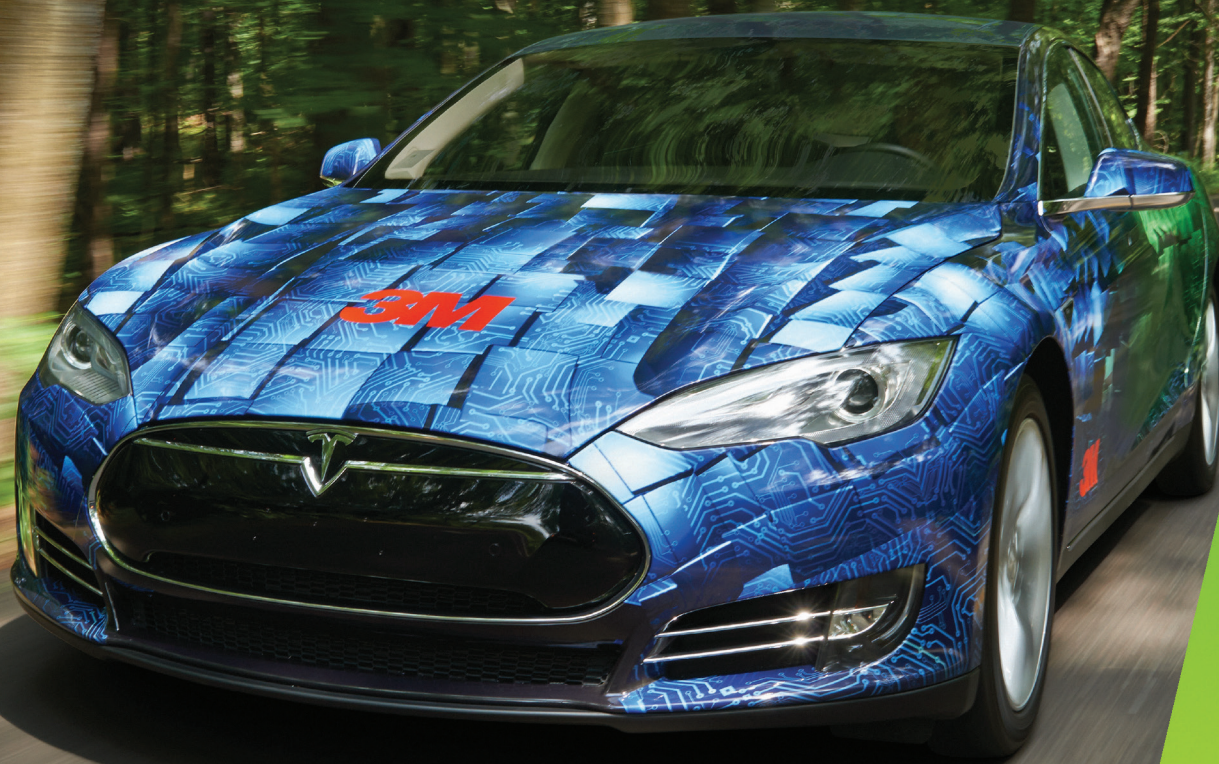


3M Science.
Applied to Life.™



3M Commercial Solutions

Welcome to the Revolution.

3M™ Envision™ Print Wrap Films
3M™ Envision™ Wrap Overlaminates

**High-performance technology
with a sustainability edge.**



Greener
Solutions

NEW!  100% Printer Compatibility

3M™ Envision™ Wrap Films | Welcome to the Revolution.



Together, We'll Lead the Way.

Two 3M Envision Print Wrap Films.
100% printer compatibility.

In 2012, we introduced the world's first non-PVC, high-performing film. This film is everything you love about 3M wrap films. It goes beyond non-PVC with a breakthrough boost in attributes – even outperforming the industry favorites, 3M films IJ180Cv3 and IJ380. Plus, it's a greener solution. So we didn't just invent non-PVC wrap films. We revolutionized wrap films. Period. In fact, there was only one way to improve it: make it compatible with solvent printers. So we did. Introducing a suite of 3M Envision Wrap Films – including a new luster overlaminate – that works with all printers, offering high performance with a sustainability edge.

Now we're ready for everyone. *Welcome to the revolution.*

Meet the suite:

NEW! 3M Envision Print Wrap Film **SV480Cv3**

- Designed for solvent/eco-solvent and UV printers
- Ultra versatile to wrap just about anything

3M Envision Print Wrap Film **LX480Cv3***

**New product prefix, same amazing film as 480Cv3.*

- Designed for latex and UV printers
- Ultra versatile to wrap just about anything

NEW! 3M Envision Luster Wrap Overlaminate **8549L**

- The **ONLY** non-PVC luster wrap overlaminate on the market
- Provides a soft sheen, minimizing glare
- Offers excellent durability, plus horizontal warranty
- Use with Envision Print Wrap and cast vinyl print films

3M Envision Gloss Wrap Overlaminate **8548G**

- Provides exceptional gloss and clarity
- Allows squeegee to glide smoothly
- Resists squeegee scratches
- Use with Envision Print Wrap and cast vinyl print films

Naturally Versatile.

Express lane: Install 50% faster
on textured surfaces.



3M™ Envision™ Wrap Films | **Welcome to the Revolution.**

Industry-Changing Performance.

These 3M innovations mean business.

Meet the non-PVC films that outperform the rest. 3M Envision Wrap Films include the 3M innovations you know and love: excellent print quality, slideability, snap-up (repositionability), heated film recovery and Comply™ v3 Adhesive air release. Plus more: better conformability and lifting resistance. Even easier installs – no matter how challenging. Faster removals. The ability to wrap just about anything. And a greener solution. We call these films a major breakthrough. You'll call them revolutionary.



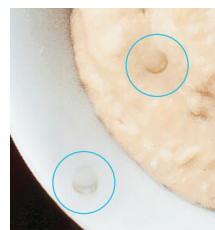
1 Highly conformable.

3M Envision Wrap Films are conformable on demand, stretching up to 150% without lifting – and without primer. Tackle the most challenging contours without cutaways or adding pieces of film. And better lifting resistance means no unnecessary and tedious rework.



2 Faster removal.

Unlike cast vinyl – which can be more brittle and prone to tearing – these films feature greater tensile strength, so they resist tearing for faster, cleaner removal. And because no primer is needed, removal is easier and residue-free.



Other film



Our film

3 Extremely durable.

Inherently more durable than vinyl, 3M Envision Wrap Films guard against UV rays, high temperatures, moisture and even acid dew – especially in horizontal and non-vertical applications. No browning. No staining. Plus, 3M warranties have you covered, even horizontally.

Unmatched versatility.

Horizontal. Vertical. Indoors and out. 3M Envision Wrap Films are versatile enough to wrap everything from vehicles and boats to fleet and buildings – one print wrap film can do it all.



4 Exceptional clarity.

3M Envision Gloss Wrap Overlaminate 8548G provides outstanding gloss and clarity, and better scratch resistance during installation. No more telling customers to wait for squeegee marks to disappear in the sun. It looks great from the get-go.



Easier and faster installs.

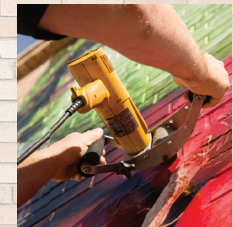
Our easier-to-handle graphic panels offer dimensional stability. They won't sag and are more manageable, plus the squeegee glides quicker and smoother. That means less wrinkling, less time – and less frustration.



Textured surface expert.

Continue to tap into unused real estate with more confidence and speed – **50% faster.*** Our films are designed to install on common moderate textures such as brick, stucco and cinder block.

*When compared to 3M™ Scotchcal™ Graphic Film for Textured Surfaces IJ8624 and 3M™ Scotchcal™ Luster Overlaminate 8524.



NEW! Luster finish.

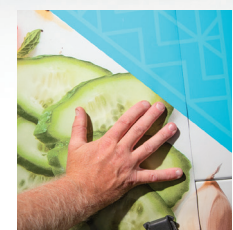
Meet the first and ONLY non-PVC luster wrap overlaminate on the market. Our new 3M Envision Luster Wrap Overlaminate 8549L offers all the same benefits as Gloss – including optimum performance, UV protection and durability – with a soft sheen that minimizes glare.



5 Install in extreme temps

Aligning trailer panels in 85° heat? No sweat. When it's warm, the films won't get too soft or stretch too easily – for an install that's **16% faster.*** In cool weather, they maintain a soft feel and won't tear. Just apply heat to conform on demand.

*Scientific study determined a 40-minute savings on trailer wraps vs. a competitive cast vinyl. See www.3m.eu/EnvisionWrap for details.



Shift Your Thinking.

Go greener without sacrificing good looks.

We understand that it can be difficult to change from materials and processes that you know work well. With 3M Envision Wrap Films, you get even more performance, and they're greener.* All from a company you trust for exceptional quality.

3M Envision Wrap Films are:

- Non-PVC
- Phthalate-free
- Made in part with bio-based materials**
- Manufactured using 58% less solvent
- Made without chlorine or other halogens added

Sustainability matters.

Responsibility has its rewards.

Customer needs are evolving. Having 3M Envision Wrap Films in your portfolio gives you the power to align your business with your customers' sustainability initiatives and offer an eco-friendlier graphic solution.



*For more information on the environmental benefits of these materials, please visit 3Mgraphics.com/sustainability.

**Applicable to 3M Envision Wrap Films LX480Cv3, 8548G and 8549L.




Make Waves.

Choose your film. Choose your overlaminate.
It's that easy with the most versatile films
on earth – or water.



3M™ Envision™ Wrap Films | Welcome to the Revolution.

Film and Overlaminate*	Film Type	Thickness	Conformability & Lifting Resistance	Ambient Temp Sensitivity	Removability	Overlaminate – Squeegee Scratch Resistance	Horizontal Warranty	Adhesive Performance	Printer Compatibility
 SV480Cv3 or LX480Cv3 & 8548G or 8549L	High performance non-PVC	50 µm	Stretches up to 150% and will not lift**	Not sensitive	Excellent and with less tearing***	Excellent	Yes	Slideability, snap-up (repositionability), Comply™ v3 Adhesive air release channels	<u>Inkjet:</u> SV480Cv3 – eco-solvent, solvent, UV LX480Cv3 - latex, UV <u>Screenprint:</u> Both films - UV, solvent
IJ380 & 8548G or 8549L	Cast vinyl film & high performance non-PVC overlaminate	50 µm	Stretches up to 150% and will not lift**	Some sensitivity	Very good	Excellent	Yes	Slideability, snap-up (repositionability)	<u>Inkjet:</u> latex, UV, eco-solvent, solvent <u>Screenprint:</u> UV, solvent
IJ380 & 8580	Cast vinyl	50 and 25 µm	Stretches up to 150% and will not lift**	Sensitive	Very good	Very good	No	Slideability, snap-up (repositionability)	<u>Inkjet:</u> latex, UV, eco-solvent, solvent <u>Screenprint:</u> UV, solvent
IJ180Cv3 & 8548G or 8549L	Cast vinyl film & high performance non-PVC overlaminate	50 µm	Stretches up to 130% and will not lift**	Some sensitivity	Excellent	Excellent	Yes	Slideability, snap-up (repositionability), Comply™ v3 Adhesive air release channels	<u>Inkjet:</u> latex, UV, eco-solvent, solvent
IJ180Cv3 & 8518	Cast vinyl film	50 µm	Stretches up to 130% and will not lift**	Some sensitivity	Excellent	Very good	No	Slideability, snap-up (repositionability), Comply™ v3 Adhesive air release channels	<u>Inkjet:</u> latex, UV, eco-solvent, solvent

* 3M™ Envision™ Print Wrap Films LX480Cv3 and SV480Cv3, 3M™ Envision™ Gloss Wrap Overlaminate 8548G, 3M™ Envision™ Luster Wrap Overlaminate 8549L, 3M™ Controltac™ Graphic Film IJ380, 3M™ Controltac™ Graphic Film with Comply™ v3 Adhesive IJ180Cv3-10, 3M™ Scotchcal™ Gloss Overlaminate 8518, 3M™ Scotchcal™ Gloss Overlaminate 8580.

** No primer required up to stated stretch when following 3M Instruction Bulletins

*** Due to superior tensile strength of 3M™ Envision™ Wrap Films

3M products are designed with our printing partners in mind.



Commercial Solutions

Hermeslaan 7
1831 Diegem
Belgium

www.3Mgraphics.com/eu



3M™ MCS™ Warranty

3M™ MCS™ Warranty – the first finished graphics warranty in the industry and still going strong – gives peace of mind to discriminating users that require optimum performance for the intended life of the graphic.

3M Performance Guarantee adds confidence to your choice when you use selected 3M media imaged with an expanding range of 3M qualified OEM printers and inks.

Warranty and Limitations. The following is made in lieu of all other expressed or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose. All 3M products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in the film or media's Product Bulletin.

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