

3M Science.
Applied to Life.™

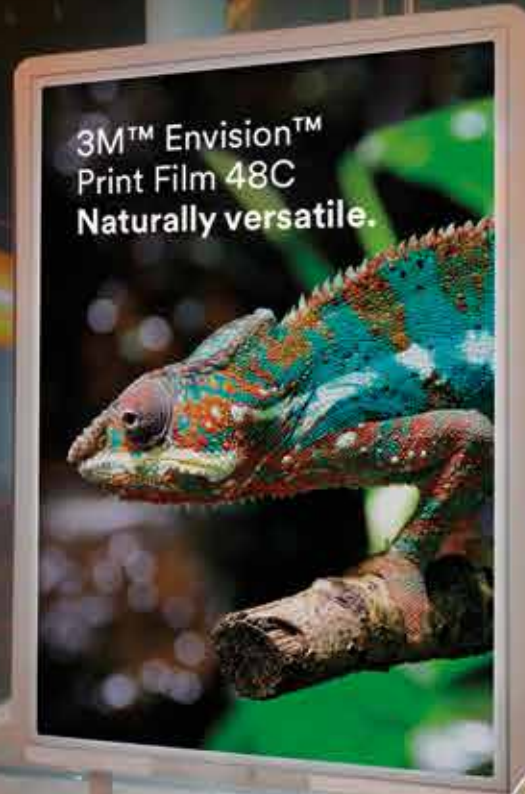


3M™ Envision™
Print Film 48C
Naturally versatile.





Imagine an intermediate print film that is so versatile you can use it for the widest range of applications. A non-PVC film that offers you a sustainability edge, at an affordable price. A versatile intermediate film that combines excellent print quality with amazing ease of application and removal for graphics used as a promotional media. A single film that will replace all your excess inventory with one economical product.



One feature-packed film. Multiple applications.



We imagined it. And then we created it. It's called 3M™ Envision™ Print Film 48C – and it's everything you need from an intermediate print film, in one feature-packed product.

The every-day choice, for all-round better results

Unmatched versatility

Designed for use indoors and out, for signs, walls, windows, floors, partial vehicle graphics and more.

Superior performance

3M Envision 48C is the best performing film in its class for print quality, ease of use and consistency across applications

Non-PVC

Meeting growing customer demands for sustainable solutions

Quick and easy to install

Like the existing, popular 3M intermediate films, 3M Envision 48C incorporates air release channels (3M™ Comply™ Adhesive) and slideability (3M™ Controltac™ technology) for quick and easy, time-saving installation

Highly durable

Use with non-PVC Envision Gloss Overlaminate 8048G for enhanced scratch resistance and UV protection

100% printer compatible

Designed for use with digital solvent, UV and latex printers so you can reduce changeover times and optimise print settings

Fire certified

Meets the fire certification requirements of EN45545-2 (Rail) and EN13501-1 (Buildings), making it suitable for a wide range of indoor and transportation applications.

Product options

Multiple product options are available to meet a variety of application requirements. These products include permanent and removable adhesive options as well as with and without Comply™ and Controltac™ features.

No. 1 for versatility

3M™ Envision™ Print Film 48C is the most versatile non-PVC intermediate film on the market.

Now you can meet the demands of multiple customers with one reassuringly reliable, sustainable – and affordable – product. 3M Envision 48C is fire certified, and works with any printer. It's available in permanent or removable formats. And it comes with or without 3M™ Comply™ and 3M™ Controltac™ features. In fact, for all but the most challenging applications it's the only film you need.

3M Envision 48C Print Film can do it all

- ▶ Partial vehicle graphics on flat or simple curved areas
- ▶ Wall, glass, door and floor graphics
- ▶ Interior and exterior building windows and dividers
- ▶ General signage for outdoor applications
- ▶ General signage for indoor applications
- ▶ POP displays



Business-enhancing performance



At 3M we are continually pushing the boundaries of print film technology – so you can enjoy faster turn-around times, fewer installation problems, and better quality, longer-lasting results.



Conforms well. 3M Envision 48C is the best performing film in its class for conformability making it the cost-effective choice for simple curved areas, including partial vehicle wraps.

Highly durable. Tougher than vinyl, and more tolerant to higher temperatures during installation and removal, 3M Envision 48C comes with the added assurance of a 3M warranty.

Simply more economical

Using one high quality film for multiple applications makes sound sense for your bottom line. By enabling faster and easier installs, 3M Envision 48C increases productivity and reduces labour costs without compromising your performance. What is more, by choosing 3M Envision 48C, you will no longer need to stock multiple film rolls for different applications, helping you to reduce excess inventory. Why tie up your profits in stock, when you can invest them in growing your business?

Easier and faster installs. 3M Envision 48C is the only intermediate non-PVC film on the market to incorporate air-release and slideability. That means increased productivity with fewer failures, faster project turnaround times – and more satisfied customers.

Faster removal. Unlike vinyl, which is prone to brittleness, 3M Envision 48C has a higher tensile strength that resists tearing, for faster, cleaner removal.

Get the sustainability edge

In a 2014 market research study conducted by 3M, over 46% of graphics manufacturers said they were 'very interested' or 'extremely interested' in a 'green' intermediate film. Their interest is being driven by growing demand from customers for sustainable film solutions.



3M Envision Print Film 48C is our response.

3M Envision 48C gives you a key competitive advantage over graphic manufacturers offering PVC film. Now you can offer your customers greener solutions at an affordable price – with the added quality assurance that comes from 3M's brand leading reputation.

- ▶ Non-PVC





Join the 3M Envision print film revolution

3M launched the revolutionary 3M™ Envision™ Print Wrap Film SV480Cv3 and LX480Cv3, a high performance, highly conformable and sustainable non-PVC film for the most challenging applications. 3M is now adding to the 3M™ Envision™ film range new 3M™ Envision™ Print Film 48C - the intermediate, non-PVC film that's packed with features and is naturally versatile.

Don't get left behind.

Why compromise on quality, sustainability or affordability, when you can enjoy all three benefits in one amazingly versatile intermediate print film? Take stock of your print film today.

www.3M.eu/envision48

3M™ Envision™ Print Film 48C



Film & Overlaminat*	Film Type	Thickness	Removability	Adhesive Performance	Printer Compatibility
48C-20 & 8048G	Non PVC	80 µm(film), 50 µm (overlaminat)	Removable with Heat and/or Chemicals	Pressure-activated (slide, tack, snap up, reposition) with air release channels	<u>Inkjet</u> : eco-solvent, solvent, UV and Latex; <u>Screen printing</u> : UV
48C-20R & 8048G	Non PVC	80 µm(film), 50 µm (overlaminat)	Removable w/out Heat and/or Chemicals	Pressure-activated (slide, tack, snap up, reposition) with air release channels	<u>Inkjet</u> : eco-solvent, solvent, UV and Latex; <u>Screen printing</u> : UV
48-20 & 8048G	Non PVC	80 µm (film), 50 µm (overlaminat)	Removable with Heat and/or Chemicals	Pressure-sensitive	<u>Inkjet</u> : eco-solvent, solvent, UV and Latex; <u>Screen printing</u> : UV
48-20R & 8048G	Non PVC	80 µm (film), 50 µm (overlaminat)	Removable w/out Heat and/or Chemicals	Pressure-sensitive	<u>Inkjet</u> : eco-solvent, solvent, UV and Latex; <u>Screen printing</u> : UV
40C-10/20 & 8038G/8040M	Polymeric Calendered	75 µm (film), 75 µm (overlaminat)	Removable with Heat and/or Chemicals	Pressure-activated (slide, tack, snap up, reposition) with air release channels	<u>Inkjet</u> : eco-solvent, solvent, UV and Latex; <u>Screen printing</u> : solvent and UV
40C-10R/20R & 8038G/8040M	Polymeric Calendered	75 µm (film), 75 µm (overlaminat)	Removable w/out Heat and/or Chemicals	Pressure-activated (slide, tack, snap up, reposition) with air release channels	<u>Inkjet</u> : eco-solvent, solvent, UV and Latex; <u>Screen printing</u> : solvent and UV
IJ40-10/20 & 8038G/8040M	Polymeric Calendered	75 µm (film), 75 µm (overlaminat)	Removable with Heat and/or Chemicals	Pressure-sensitive	<u>Inkjet</u> : eco-solvent, solvent, UV and Latex; <u>Screen printing</u> : solvent and UV
IJ40-10R/20R & 8038G/8040M	Polymeric Calendered	75 µm (film), 75 µm (overlaminat)	Removable w/out Heat and/or Chemicals	Pressure-sensitive	<u>Inkjet</u> : eco-solvent, solvent, UV and Latex; <u>Screen printing</u> : solvent and UV

* 3M™ Envision™ Print Film 48C, 3M™ Envision™ Print Film 48, 3M™ Envision™ Gloss Overlaminat 8048G, 3M™ Controltac™ Print Film 40C, 3M™ Scotchcal™ Graphic IJ40, 3M™ Scotchcal™ Gloss Overlaminat 8038G, 3M™ Scotchcal™ Matte Overlaminat 8040M

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



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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Commercial Solutions
Hermeslaan 7
1831 Diegem, Belgium
www.3Mgraphics.com/eu