

Rayoart™

PVC Free BOPP Films
for Graphics Applications



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use our imagination...

BOPP Films for Stand Out Graphics



The Versatility of BOPP (Biaxially Oriented Polypropylene)

The Rayoart™ range of films for self-adhesive graphic arts applications is perfect for large format graphics. Our unique BOPP bubble process produces films with high dimensional stability meaning outstanding conversion through the adhesive lamination, printing, and application process.

Our Rayoart™ range is available in clear, white, matt and gloss variants, demonstrating our films are now a real and viable alternative for PVC films. The superb clarity of our clear BOPP Rayoart™ films makes them perfect for window graphics, where a more sustainable solution is preferred.

The Benefits of Rayoart™

- It's not PVC
- 50% less environmental impact
- 4 Year outdoor durability
- Easy to apply and remove
- No film shrinkage
- Excellent printing
- No migratory additives

High Environmental Benefit

If you want to improve your environmental footprint of your corporate or promotional signage, Rayoart™ is the answer. The Life Cycle Assessment benefits that these BOPP films provide cannot be ignored. Indoor or outdoor graphics produced using Rayoart™ film, can reduce the global warming potential versus PVC by more than 50%.



Basis: 60u PP vs 80u Calendered PVC (cradle to gate)
Source Data: Ecoinvent 3.6, Plastics Europe, ThinkStep
Methodology: ReCiPE Midpoint (H)

**4 Years
Outdoor Lifetime!**

High Outdoor Durability

These UV stabilized products provide up to four years outdoor durability, making them perfect for short and intermediate lifetime applications. Film colour and dimensional stability are unaffected with well over 3000 hours of accelerated aging to ASTM G154 standards.



Outstanding Printability and Conversion



Our R&D teams have developed unique coatings for our Rayoart™ films, which gives outstanding print performance in terms of appearance, adhesion, durability, and scratch resistance. The print coating is suitable for traditional offset & screen processes and optimized for use for wide-format digital UV and Latex printing.

The back side coating on the reverse of the film is compatible with a wide range of adhesives and gives excellent adhesion properties which enhances the removability of the graphic at the end of its lifetime.

Cost Effective Performance

Rayoart™ BOPP films are very cost effective, even versus monomeric vinyl whilst still retaining some of the performance characteristics of higher end polymeric vinyl materials. The dimensional and colour stability of our films are also superior to monomeric vinyl. BOPP's physical properties means that printed graphic application and installation is easy, and removal at the campaign end is quick and efficient, with no film stretch throughout.

Rayoart™ Graphics BOPP Films

Product	Description	Thickness	Features
Rayoart™ GCP	Clear, gloss printable film	60µ / 92µ 2.3 / 3.6 mil	<ul style="list-style-type: none"> • PVC-free Bubble Polypropylene Film • Lower environmental impact vs PVC by more than 50% • Free of plasticizers • UV stable with up to 4 years outdoor durability • GWPMatt suitable for UV inkjet and HP Latex printing • GCP & GWP suitable only for UV inkjet printing • Ease of application
Rayoart™ GWP	White, gloss printable film	60µ / 92µ 2.3 / 3.6 mil	
Rayoart™ GWPMatt	White, matt printable film	60µ / 92µ 2.3 / 3.6 mil	
Rayoart™ GCL	Clear, gloss film for over-lamination (non printable)	58µ / 90µ 2.3 / 3.6 mil	

Further technical data is available from our website - www.innoviafilms.com



Do you have questions about our products?

Please contact our representative office in your region

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