

PROPAFILM™

We've got it all wrapped up



Barrier Coated Films
for Optimum Product
Protection

use our imagination...



Barrier Films

Successful wrapping of foodstuff depends to a large extent on the packaging's ability to protect the product's quality and maximise its shelf life. For many dry products, protection from moisture ingress is critical. Equally, many of our foods' ingredients are susceptible to oxygen deterioration and therefore demand protection from oxygen.

Our range of Propafilm™ barrier films are ideally suited to meet these requirements as they demonstrate excellent moisture and gas barrier. They also offer other properties which are beneficial in a variety of applications.

Applications

BISCUITS



BAKERY



CHILLED PRODUCTS



CONFECTIONERY



DAIRY



DRIED FOODS



FRESH PRODUCE



MEAT



SCENTED PRODUCTS



TEA



Markets

- Biscuits and Bakery
- Confectionery
- Dairy
- Dried Foods
- Fresh Produce
- Meat
- Scented Products
- Tea
- Chilled Products

Applications

- Box Overwrap
- Heavy Duty
- HFFS
- Lamination
- Pre-Made Bags
- Printing
- VFFS

Why Choose These Films?

HIGH BARRIER

All our barrier films demonstrate excellent gas and moisture barrier. They can provide an oxygen permeation reduction of over 1000 cc/m².24hrs over an equivalent coextruded BOPP film.

Typical barrier properties

Product	Permeability to	
	H ₂ O	O ₂
	(g/m ² .24hrs) 38°C 90%RH	(cc/m ² .24hrs) 23°C 0%RH
Propafilm™ RXE25	4.3	15
Coextruded film 25μ	6.0	1800
Propafilm™ RHX50	2.9	15
Coextruded film 50μ	3.3	1000

ANTI-STATIC PROPERTIES

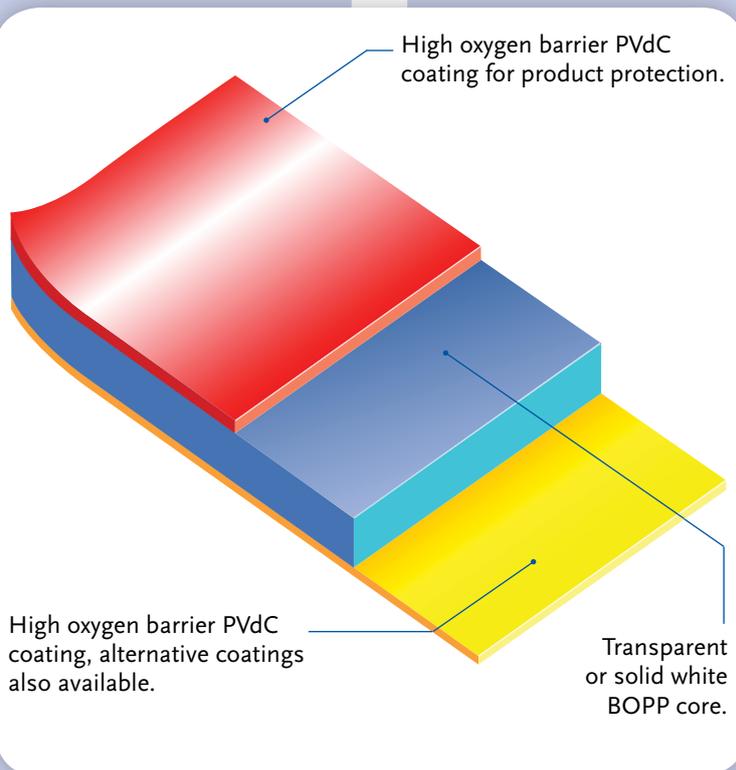
Our two side coated PVdC films offer anti-static properties. These enable excellent machinability in applications where static can be an issue, either film clinging to the machinery or attracting dust. Particularly useful with older machines.

Typical anti-static properties

Product	Decay time at 30% RH, 1/e of peak (seconds)
Propafilm™ RXE	30
Propafilm™ RXD	70
Propafilm™ FFX	550
Coextruded film	50000

(Data based on 25μ transparent film or nearest equivalent). Note: The lower the decay value, the less static the film.

TAMPER EVIDENT SEALS



RESISTANCE TO WHITENING

When in contact with alcohol such as perfume spray.

ANTI-MIST OPTION

Our anti-mist films have a proven track record in the fresh produce market as well as in board lamination applications for sandwich boxes. Their anti-mist performance throughout the shelf life of the product ensures superb visibility and a fresh look.

Left: Coextruded competitive anti-mist film

Right: Propafilm™ RK+

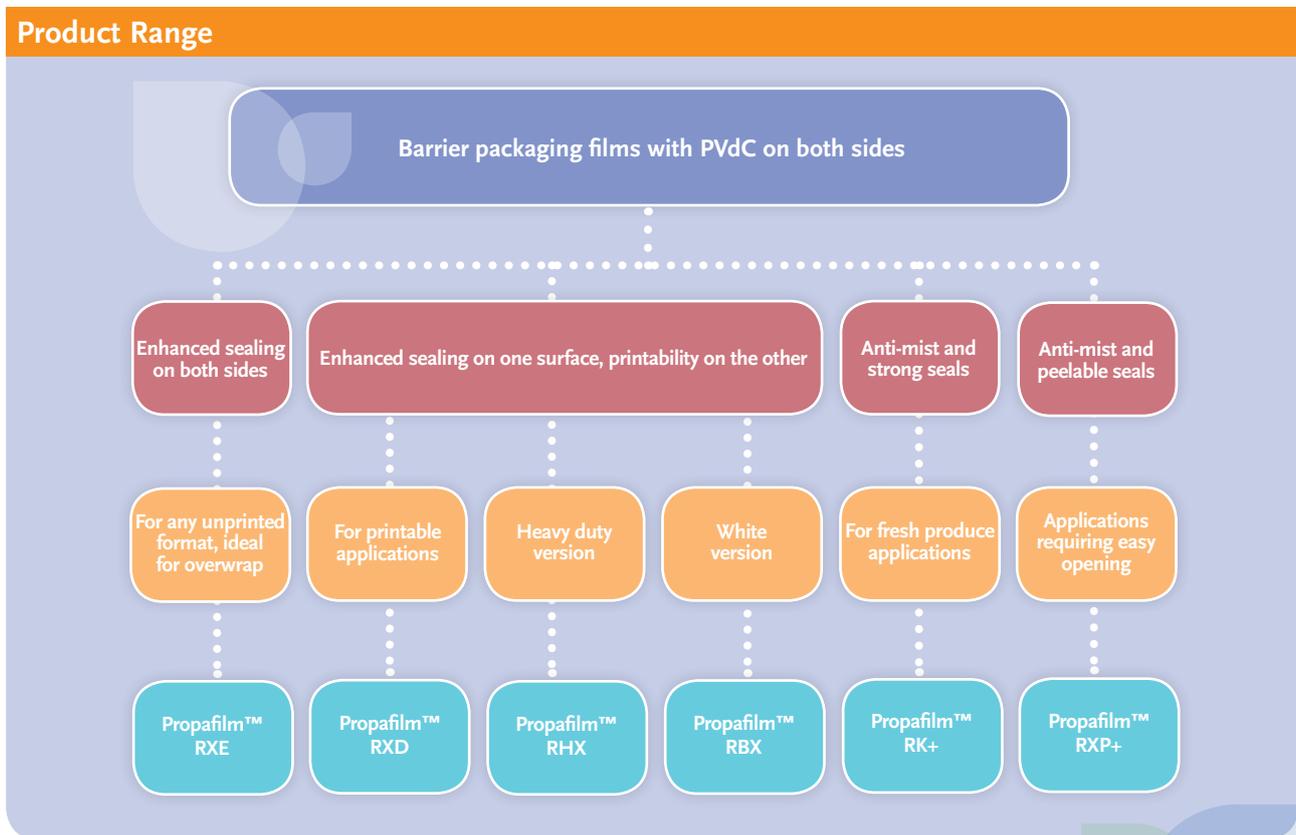


PEELABLE SEALS OPTION

A unique peelable seal opening system enabling customers to easily open their packs: simply peel back the seals without tearing the packaging.

Bags can then be reclosed when used in combination with a resealable label to avoid spillage during storage. No change to wrapping machine settings is required to achieve this effect.

Product Range



In addition to these films, our barrier product range also includes differential grades with an alternative coating on the other surface: acrylic or fast or digitally printable coatings.

About Us

Innovia Films is a major producer of highly differentiated Biaxially Oriented Polypropylene (BOPP) films using a proprietary 'bubble' manufacturing process. The unique functional properties of our film, combined with our world leading coating and surface chemistry expertise, results in products which are very well recognised and valued by our customers.

We hold a leading global position in the markets we serve – high performance coated films, tobacco overwrap, labels and security films. Technical expertise and market-driven developments are key to our position at the leading edge of advances in these markets.

Our production sites are based in Australia, Belgium and the UK. Service and support alongside product quality is a priority for us. Our strong network of commercial offices, agents and distributors globally support our sales into around 100 countries worldwide, ensuring a high level of customer responsiveness.

Innovation through our Research and Development is at the heart of our business. We work closely with customers, suppliers, academics and commercial partners to ensure speed of delivery of new products.

Regional Offices:

Europe (UK) Tel +44 16973 42281
Americas (USA) Tel +1 877 822 3456
Asia-Pacific (Aus) Tel +61 3 9303 0600

www.innoviafilms.com
email: filmsinfo@innoviafilms.com
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