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## High Speed Films

Today's competitive market place demands packaging films that perform on the latest machines at the highest possible speeds. At the same time, they need to be forgiving enough to cope with product line speed variations and provide optimum product shelf life.

Our Propafilm™ FFF range of fast films are ideally suited to meet these needs. These films have been specifically developed with high speed and efficiency in mind. They are particularly suitable for applications using horizontal form-fill-seal lines.

## Markets



**Bakery**



**Biscuits**



**Confectionery**



**Dried Foods**



**Home and Personal Care**

### Applications

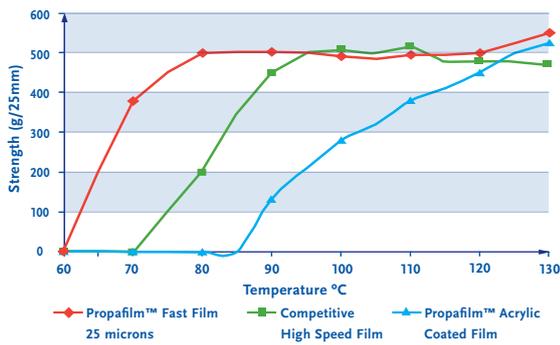
- HFFS
- Lamination
- Printing

## Why Choose These Films?

### HIGH SPEED

Our fast films enable high speed processing and high productivity. They have been proven to run at packing rates up to 100 m/min and 2000ppm on horizontal flow-wrapping machines.

Typical Heat-Seal Range (60PSI 0.1s)

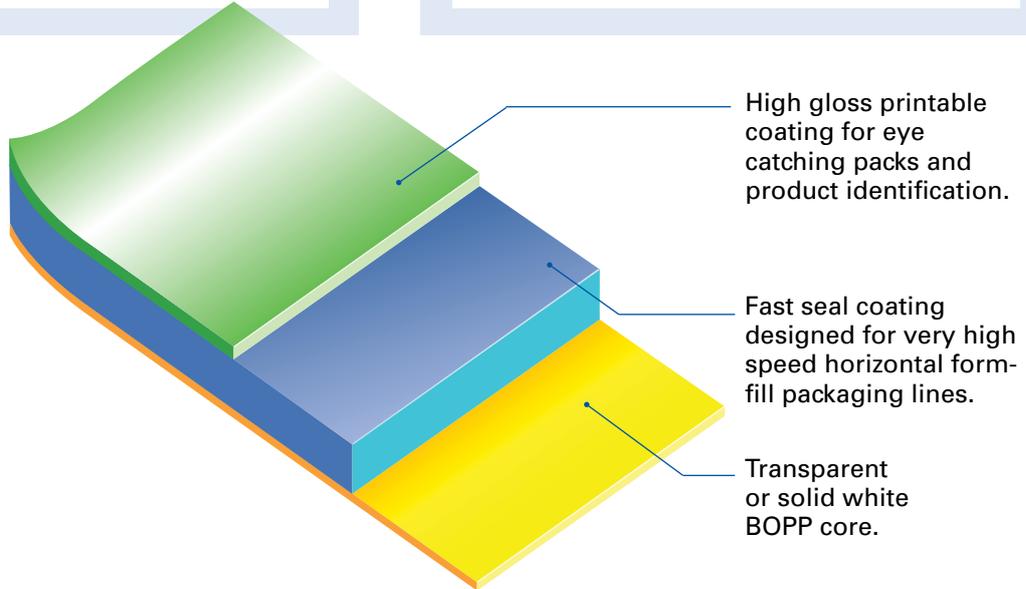
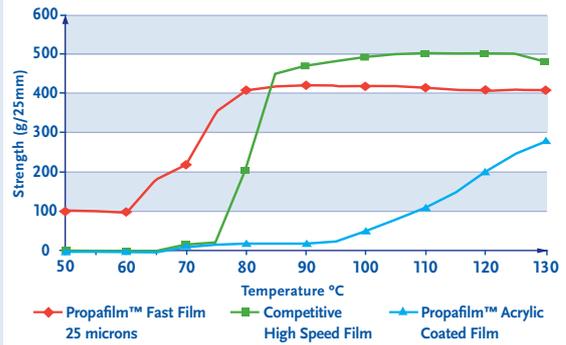


### SEALING FROM 65°C

Our fast coating provides a very broad sealing range and large operating window. This allows the film to easily ramp up and down in speed when production requires it.

This, combined with excellent hot tack performance, ensures minimal rejects and optimum efficiencies.

Typical Hot Tack (15PSI 0.5s)



### TAMPER EVIDENT SEALS

Strong seals every time.

### SEAL INTEGRITY

The FFF range of films ensures good pack integrity even in the presence of contamination.

Useful in applications involving dust, such as sugar in confectionery or soap powder.

### HIGH BARRIER

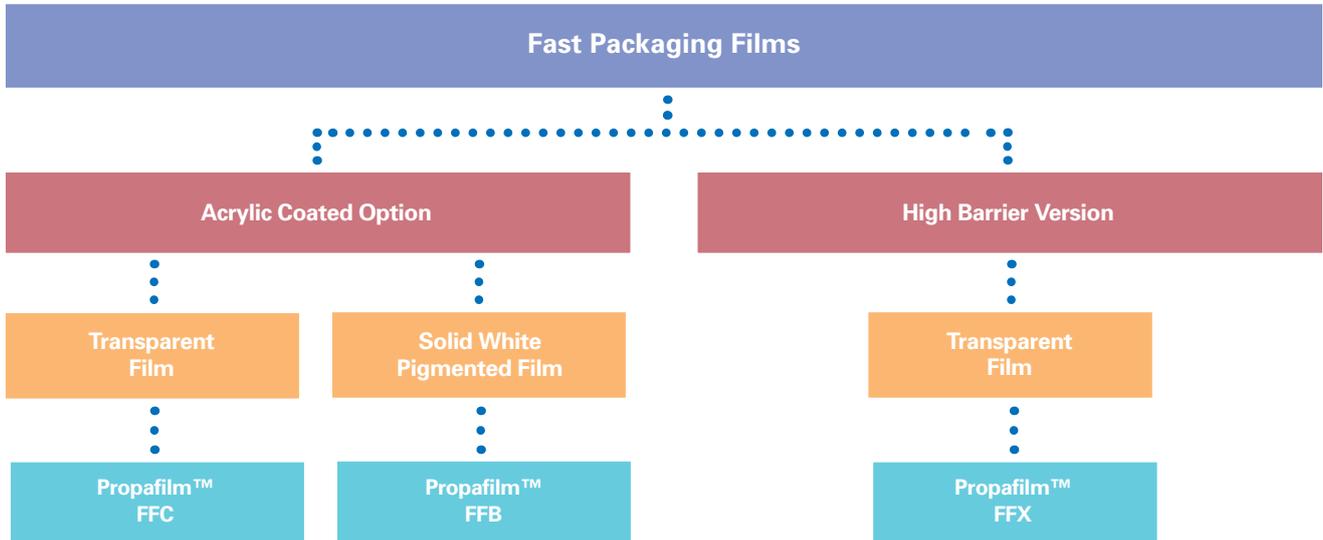
All our fast films demonstrate excellent moisture barrier.

Propafilm™ FFX also provides high gas barrier.

#### Typical barrier properties

Product	Permeability to	
	H2O (g/m <sup>2</sup> .24hrs) 38°C 90%RH	O2 (cc/m <sup>2</sup> .24hrs) 23°C 0%RH
Propafilm™ FFC30	4.5	750
Propafilm™ FFX31	3.2	6

## Product Range



## About Us

Innovia Films is a major producer of highly differentiated Biaxially Oriented Polypropylene (BOPP) films. 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, Mexico 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.

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