

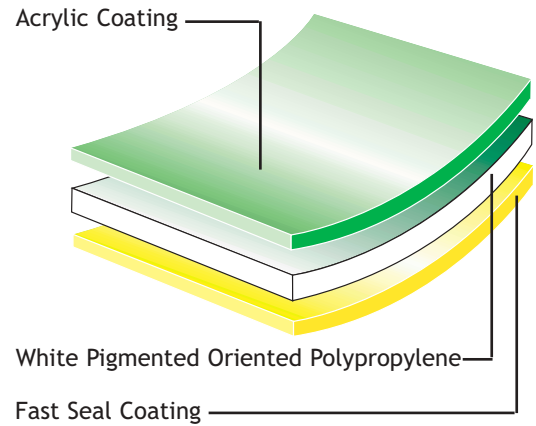
Propafilm™ FFB

Data

Fast Seal Coated White Pigmented Film

White pigmented biaxially oriented polypropylene (BOPP) film with a fast seal coating on one side and an aqueous acrylic coating on the other side.

- Exceptionally wide seal range on fast seal side
- Excellent seal properties in terms of strength, hot tack and integrity
- Very wide operating window on horizontal packaging machines
- Fast sealing seals remain unaffected by changes in climatic conditions
- Good flavor, aroma and moisture barrier
- Good optical properties
- Excellent printability on acrylic side
- No seal compatibility between fast seal and acrylic coatings
- Special care should be taken when printing process colors directly on to the film surface



Applications

FFB120 is suitable for use as a single film or in lamination for horizontal-form-fill-seal packaging especially in the bakery and confectionery industries,

where strong seals, excellent seal integrity and a wide operating range are required.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	FFB	
Thickness	Innovia Films test		gauge	120	
Yield	Innovia Films test		in ² /lb g/m ²	24050 29.3	
Permeability to: Water vapor	ASTM F 1770	100° F 90% RH	g/100in ² .24 hrs	0.29	
Oxygen	ASTM F 1927	73° F 0% RH	cc/100in ² .24 hrs	48.4	
Optical: Opacity	BS 4432		%	62	
Coefficient of friction (film to film)	ASTM D 1894	Dynamic	A/A	0.25	
		Dynamic	F/F	0.50	
Sealing range	Innovia Films test	0.1 secs; 60 psi	F/F	°F	150-295
Seal strength	Innovia Films test	212° F; 1 secs; 60 psi	F/F	g(f)/in	>500
Shrinkage	Innovia Films test	60 secs at 250° F	MD	3.6	
			TD	1.2	
		60 secs at 265° F	MD	6.8	
			TD	0.7	

All properties are tested under standard laboratory conditions: 73± 4°F; 50± 5% RH, unless otherwise stated. Where relevant, tests are based on international testing standards.

MD Machine Direction

TD Transverse Direction

A Acrylic Surface

F Fast Seal Surface

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Roll Specifications

Nominal Roll Diameters

Film	Length/ (feet)					
	FFB120	4100	8200	16400	24610	32810
Outside Diameter for 3in Core	9 ¹ / ₂ in	13in	18in	ns	ns	ns
Outside Diameter for 6in Core	ns	ns	18 ³ / ₄ in	22 ¹ / ₂ in	25 ¹ / ₂ in	31in



ns = non-standard

Other roll lengths are available subject to negotiation.

Fast Seal Surface

The fast seal surface is available on either the inner or outer surface of Propafilm FFB.

The fast seal surface is indicated by a symbol on a label attached to each roll.

Fast Seal Surface	Ordering Code	Label Symbol
Inside	I	
Outside	O	

Film Storage & Handling

The low heat-seal threshold and wide seal range of Propafilm FFB film allows its use in particularly demanding packaging machine applications.

Care should therefore be taken to protect rolls of film from storage temperatures above 85°F and localized sources of heat above 115°F.

Rolls of Propafilm FFB should be protected from high levels of moisture and accidental water splashes at all times. The rolls should remain in the protective coverings supplied until ready for use on converting or packaging machinery.

Converted rolls, in both master and slit roll form should be similarly protected at all times.

Propafilm FFB is suitable for use for 6 months from the date of delivery and stocks should be used in rotation.

Films should be allowed to reach operating room temperatures for 24 hours before use.

Food Contact

Propafilm FFB is suitable for most applications involving direct contact with foodstuffs. For specific inquiries, please refer to literature reference B120 or contact our Technical Services Department.

Health & Safety Guidelines

For Health and Safety information, please refer to literature reference B190.



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