

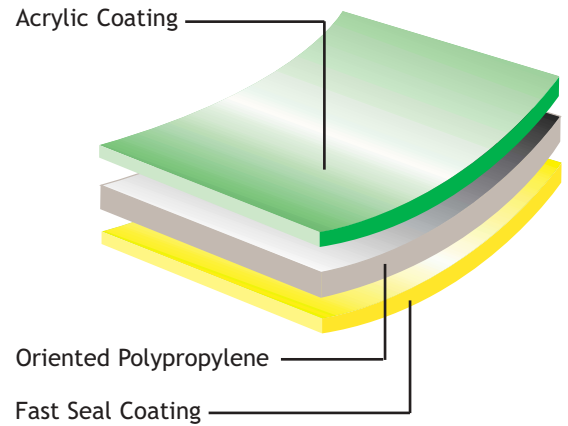
Propafilm™ FFC

Data

Fast Seal Coated Film

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 flow-wrap machines
- Fast sealing seals remain unaffected by changes in climatic conditions
- Good aroma and moisture barrier
- Good optical properties
- Good printability on acrylic side
- No seal compatibility between fast seal and acrylic coatings



Applications

FFC100/120 are suitable for use as single films or in laminate structures for horizontal-form-fill-seal packaging especially in the bakery and confectionery industries, requiring strong seals and excellent seal integrity.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	FFC	
Thickness	Innovia Films test		gauge	100	120
Yield	Innovia Films test		in ² /lb g/m ²	31000 22.7	25950 27.1
Permeability to: Water vapor	ASTM F 1770	100° F 90% RH	g/100in ² .24 hrs	0.32	0.29
Oxygen	ASTM F 1927	77° F 0% RH	cc/100in ² .24 hrs	54.8	48.4
Optical: Gloss	ASTM D 2457	45°	units	95	
Haze (wide angle)	ASTM D 1003	2.5°	%	2.5	
Coefficient of friction (film to film)	ASTM D 1894	Dynamic A/A Dynamic F/F		0.25 0.50	
Sealing range	Innovia Films test	0.1 secs; F/F 60 psi	° F	150-295	
Seal strength	Innovia Films test	212° F; 1 secs; F/F 60 psi	g(f)/in	>500	
Shrinkage	Innovia Films test	60 secs at 250° F 60 secs at 265° F	% MD TD MD TD	4.9 1.4 8.6 2.0	

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

Roll Specifications

Nominal Roll Diameters

Film	Length/ (feet)					
	FFC100 FFC120	4920 4100	9840 8200	19685 16400	29530 24610	39370 32810
Outside Diameter for 3in Core	9½in	13in	18in	ns	ns	ns
Outside Diameter for 6in Core	ns	ns	18¾in	22½in	25½in	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 FFC.

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 FFC 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 FFC 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 FFC 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 FFC 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.



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

™Trademark of Innovia Films Group

Sales Offices

Americas (USA) Tel +1 877 822 3456
 Europe (UK) Tel +44 (0)16973 42281
 Asia-Pacific (Aus) Tel +61 3 9303 0600

Disclaimer: Innovia Films Inc or any of its affiliated companies (hereinafter 'Innovia Films') declines any liability with respect to the use made by any third party of the information contained herein. The information contained herein represents Innovia Films' best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, the accuracy, the completeness or relevance of the data set out herein). Innovia Films is the sole owner or authorized user of the intellectual property rights relating to the information communicated.

The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted to the client's specific use. The client should perform his own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client.