

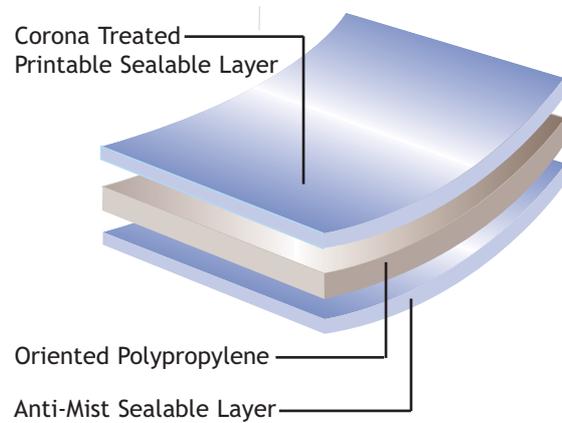
PropaFresh™ PFAM

Data

Integrated Anti-Mist Film

Biaxially oriented polypropylene (BOPP) film co-extruded on both sides with polyolefinic polymers.

- Excellent anti-mist properties for salad and vegetable packaging
- Heat sealable on both sides
- Film is printable
- Puncture and impact resistance maintained at low temperatures
- Unaffected by variations in climatic conditions
- Suitable for microwaving prepared vegetables



Applications

PFAM25/30/35 are oriented polypropylene films with integrated anti-mist. Suitable for packaging a wide range of fresh produce. The film can be used on vertical and horizontal packaging machines.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	PFAM		
Thickness	Innovia Films test		micron	25	30	35
Yield	Innovia Films test		m ² /kg g/m ²	44.0 22.7	36.6 27.3	31.4 31.9
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m ² .24 hrs	1.2 6.0	1.0 5.0	0.8 4.1
Oxygen	ASTM F 1927	23 °C 0% RH	cc/m ² .24 hrs	1800	1600	1400
Optical: Gloss	ASTM D 2457	45°	units	90		
Haze (wide angle)	ASTM D 1003	2.5°	%	<3.5		
Coefficient of friction (film to film)	ASTM D 1894	Static / Dynamic		0.20-0.40		
Anti-mist test	ICI	4 °C		D		
Corona treatment (printable)	Innovia Films test		dynes/cm	38		
Tensile strength	ASTM D 882	Strain rate 50% / min.	MN/m ²	MD TD	230 190	
Elongation at break	ASTM D 882	Strain rate 50% / min.	%	MD TD	90 125	
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10% / min.	MN/m ²	MD TD	2500 2100	
Sealing range	Innovia Films test	2 secs; 0.10 MN/m ²	°C	120-145		
Seal strength	Innovia Films test	130 °C; 2 secs; 0.10 MN/m ²	g(f)/25mm	>250		
Shrinkage	Innovia Films test	60 secs at 130 °C	%	MD TD	4.0 -2.0	

All properties are tested under standard laboratory conditions: 23± 2°C; 50± 5% RH, unless otherwise stated.

Where relevant, tests are based on international testing standards.

MD Machine Direction

TD Transverse Direction

Reel Specifications

Nominal Reel Diameters

Film	Length/(metres)					
	PFAM25	1500	3000	6000	9000	12000
PFAM30	1250	2500	5000	7500	10000	15000
PFAM35	1100	2200	4400	6600	8800	13200
Outside Diameter for 77mm Core	240mm	330mm	450mm	ns	ns	ns
Outside Diameter for 153mm Core	ns	ns	475mm	570mm	650mm	785mm

ns = non-standard

Other reel lengths are available subject to negotiation.

Corona Discharge Treatment

The film is treated on both sides. The printable surface is available on either the inner or outer surface of PropaFresh PFAM. The printable surface is indicated by a symbol on a label attached to each reel.

Treated Surface	Ordering Code	Label Symbol
Inside	I	
Outside	O	

Film Storage

No special conditions are required for the storage of PropaFresh PFAM but it is recommended that dry conditions at temperatures below 30°C are employed to minimise any deterioration of surface discharge treatment level.

PropaFresh PFAM 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

PropaFresh PFAM is suitable for most applications involving direct contact with foodstuffs in the EU. The film does not comply with the current FDA regulations and so should not be used for direct food contact in the USA. For specific enquiries, please refer to literature reference B110 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
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Sales Offices

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

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