

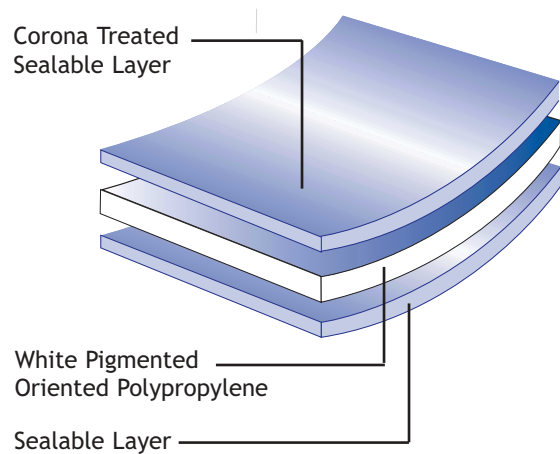
# Propafilm™ RB

Data

## White Pigmented Film

White pigmented, biaxially oriented polypropylene (BOPP) film co-extruded on both sides with polyolefinic copolymers.

- Heat-sealable on both sides
- Excellent water vapour barrier
- Low UV/visible light transmission giving improved protection against rancidity
- High gloss surface on both sides
- Enhanced fine-tone print definition
- Incorporates a degree of anti-static protection
- Corona discharge treated on one side, required for the adhesion of printing inks and adhesives
- Puncture and impact-resistance properties are maintained even at low temperatures
- Unaffected by variations in climatic conditions



## Applications

RB30/35 are generally used on vertical form-fill-seal and horizontal form-fill-seal machines as single films for medium sized packs.

## Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RB	
Thickness	Innovia Films test		micron	30	35
Yield	Innovia Films test		m <sup>2</sup> /kg g/m <sup>2</sup>	34.0 29.4	29.2 34.3
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m <sup>2</sup> .24 hrs	5.0 5.0	4.5 4.5
Oxygen	ASTM F 1927	23 °C 0% RH	cc/m <sup>2</sup> .24 hrs	1600	1400
Optical: Opacity	BS 4432		%	64	67
Coefficient of friction (film to film)	ASTM D 1894	Static / Dynamic		0.25-0.40 0.25-0.40	
Corona treatment	Innovia Films test		dynes/cm	38	
Sealing range	Innovia Films test	2 secs; 0.10 MN/m <sup>2</sup>	°C	115-145 untreated to untreated	
Seal strength	Innovia Films test	130 °C; 2 secs 0.10 MN/m <sup>2</sup>	g(f)/25mm	>350 untreated to untreated	
Shrinkage	Innovia Films test	60 secs at 130 °C	% MD TD	4.0 Nil	

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

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## Reel Specifications

### Nominal Reel Diameters



Film	Length/(metres)					
	RB30 RB35	1250 1100	2500 2200	5000 4400	7500 6600	10000 8800
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

Corona discharge treatment is available on either the inner or outer surface of Propafilm RB. The treated 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 Propafilm RB but it is recommended that dry conditions at temperatures below 30°C are employed to minimise any deterioration of surface discharge treatment level.

Propafilm RB 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 RB is suitable for most applications involving direct contact with foodstuffs. 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.



CERTIFICATE NUMBER Q929

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