

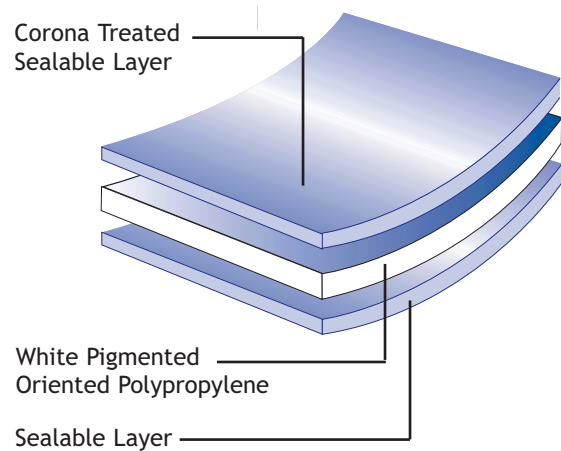
# Propafilm™ RB

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 vapor barrier
- Low UV/visible light transmission giving improved protection against product rancidity
- High gloss surface on both sides
- 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

RB120/140 are generally used on vertical form-fill-seal and horizontal form-fill-seal machines as single films for medium sized packages.

## Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RB	
Thickness	Innovia Films test		gauge	120	140
Yield	Innovia Films test		in <sup>2</sup> /lb g/m <sup>2</sup>	23950 29.4	20550 34.3
Permeability to: Water vapor	ASTM F 1770	100 °F 90% RH	g/100in <sup>2</sup> .24 hrs	0.32	0.30
Oxygen	ASTM F 1927	73 °F 0% RH	cc/100in <sup>2</sup> .24 hrs	103	90
Optical: Opacity	BS 4432		%	64	67
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.35 0.30	
Corona treatment	Innovia Films test		dynes/cm	38	
Sealing range	Innovia Films test	2 secs; 15 psi	°F	240-295 untreated to untreated	
Seal strength	Innovia Films test	265 °F; 2 secs; 15 psi	g/(f)/in	>350 untreated to untreated	
Shrinkage	Innovia Films test	60 secs at 265 °F	% MD TD	4.0 Nil	

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

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## Roll Specifications

### Nominal Roll Diameters



Film	Length/ (feet)					
	RB120 RB140	4100 3600	8200 7200	16400 14450	24600 21650	32800 28900
Outside Diameter for 3in Core	9 <sup>1</sup> / <sub>2</sub> in	13in	18in	ns	ns	ns
Outside Diameter for 6in Core	ns	ns	18 <sup>3</sup> / <sub>4</sub> in	22 <sup>1</sup> / <sub>2</sub> in	25 <sup>1</sup> / <sub>2</sub> in	31in

ns = non-standard

Other roll 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 roll.

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 85°F are employed to minimize any deterioration of surface discharge treatment level.

Propafilm RGN 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 inquiries, 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.



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