

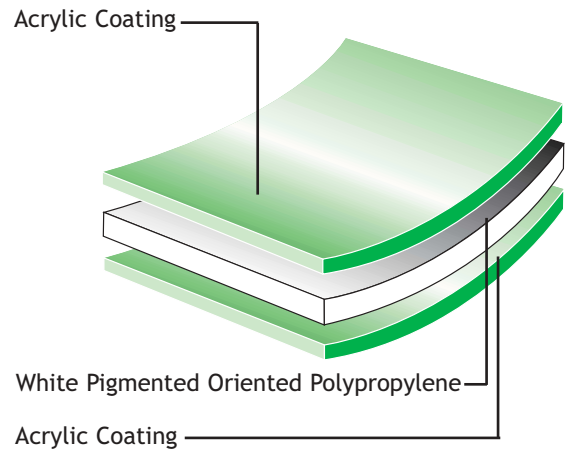
Propafilm™ RBC

Data

Acrylic Coated White Pigmented Film

White pigmented, biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chloride free) dispersion.

- Heat-sealable on both sides with excellent hot tack
- Excellent barrier to water vapor, gases and aromas
- Low sealing threshold and broad sealing range
- Low UV/visible light transmission giving improved protection against rancidity
- Both sides of the film are receptive to inks, adhesives and tear-tapes
- High gloss surface on both sides
- Enhanced print definition compared to transparent film
- Special care should be taken when printing process colors directly on to the film surface
- Exceptional puncture and impact-resistance properties are maintained even at low temperatures



Applications

RBC120 is suitable for use in both plain and printed forms on high-speed overwrapping and form-fill-seal machinery. Particularly suited for use as a direct

product overwrap or carton overwrap in the bakery and confectionery industries.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RBC
Thickness	Innovia Films test		gauge	120
Yield	Innovia Films test		in ² /lb g/m ²	23850 29.5
Permeability to: Water vapor	ASTM F 1770	100° F 90% RH	g/100in ² .24 hrs	0.32
Oxygen	ASTM F 1927	77° F 0% RH	cc/100in ² .24 hrs	54.84
Optical: Opacity	BS 2923		%	62
Coefficient of friction (film to film)	ASTM D 1894	Static / Dynamic		0.25 0.25
Sealing range	Innovia Films test	2 secs; 15 psi	° F	185-295
Seal strength	Innovia Films test	265° F; 2 secs; 15 psi	g(f)/in	>400
Shrinkage	Innovia Films test	60 secs at 250° F 60 secs at 265° F	% MD TD MD TD	4.0 Nil 7.0 1.0

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

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Roll Specifications

Nominal Roll Diameters

Film	Length/ (feet)					
	4100	8200	16400	24600	32800	49200
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.

Film Storage & Handling

The low heat-seal threshold and wide seal range of Propafilm RBC 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 RBC 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 RBC 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 RBX 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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