

Propafilm™ RBX

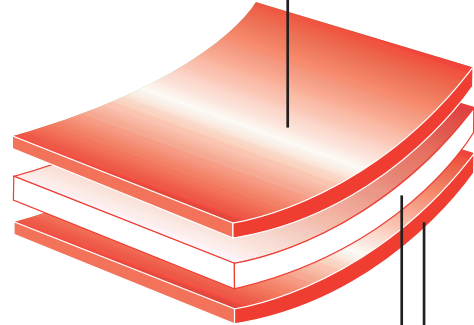
Data

Barrier Coated White Pigmented Film

White pigmented, biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous dispersion of polyvinylidene chloride (PVdC) copolymer.

- Heat-sealable on both sides
- Excellent barrier to water vapour, gases and aromas
- Low UV/visible light transmission giving improved protection against rancidity
- Enhanced print definition compared to transparent film
- Special care should be taken when printing fine tone colours directly on to the film surface
- One side preferential print surface, one side wide seal surface
- Puncture and impact-resistance properties are maintained even at low temperatures
- Unaffected by variations in climatic conditions

PVdC Coating for Printability



White Pigmented Oriented Polypropylene

Enhanced Low Seal PVdC Coating

Applications

RBX32 is recommended for use in overwrapping applications in the biscuit and bakery industries. Also suited for use as a single web or in laminate structures for medium to large packs on form-fill-seal machines.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RBX
Thickness	Innovia Films test		micron	32
Yield	Innovia Films test		m ² /kg g/m ²	31.4 31.9
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m ² .24 hrs	0.7 4.5
Oxygen	ASTM F 1927	23 °C 85% RH 25 °C 0% RH	cc/m ² .24 hrs	15
Optical: Opacity	BS 4432		%	62
Coefficient of friction (film to film)	ASTM D 1894	Static / Dynamic		0.20-0.30 0.20-0.30
Sealing range	Innovia Films test	2 secs; 0.10 MN/m ²	°C	95-145
Seal strength	Innovia Films test	130 °C; 2 secs; 0.10 MN/m ²	g(f)/25mm	>350
Shrinkage	Innovia Films test	60 secs at 120 °C 60 secs at 130 °C	% MD TD MD TD	4.0 Nil 7.0 1.0

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)					
	RBX32	1200	2400	4800	7200	9600
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.

Preferred Print Surface

The preferred print surface is available on either the inner or outer surface of Propafilm RBX.

The print 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 RBX but it is recommended that dry conditions at temperatures below 30°C are employed to minimise any deterioration of surface energy level. Propafilm RBX 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 enquiries, 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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