

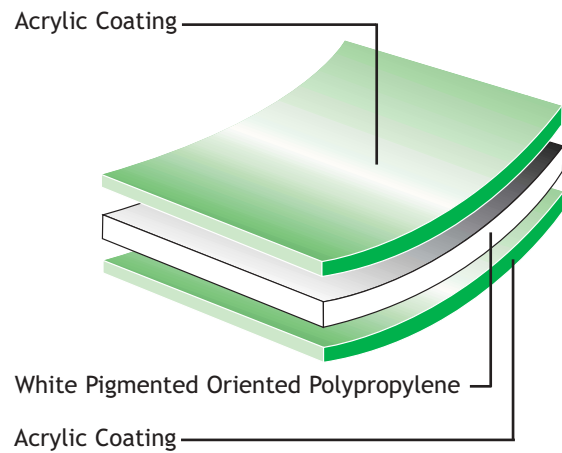
Propafilm™ RBC

Data

Acrylic Coated White Pigmented Film

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

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



Applications

RBC30 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 biscuit, bakery and confectionery industries.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RBC
Thickness	Innovia Films test		micron	30
Yield	Innovia Films test		m ² /kg g/m ²	33.9 29.5
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m ² .24 hrs	1.0 5.0
Oxygen	ASTM F 1927	23 °C 85% RH 25 °C 0% RH	cc/m ² .24 hrs	750 850
Optical: Opacity	BS 2923		%	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	85-145
Seal strength	Innovia Films test	130 °C; 2 secs; 0.10 MN/m ²	g(f)/25mm	>400
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)					
	1250	2500	5000	7500	10000	15000
RBC30						
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.

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 reels of film from storage temperatures above 30°C and localised sources of heat above 45°C.

Reels of Propafilm RBC should be protected from high levels of moisture and accidental water splashes at all times. The reels should remain in the protective coverings supplied until ready for use on converting or packaging machinery.

Converted reels, in both master and slit reel 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 RBC 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.



CERTIFICATE NUMBER Q929

www.innoviafilms.com
 email: filmsinfo@innoviafilms.com
 ™Trademark of Innovia Films Group

Sales Offices

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

Disclaimer: Innovia Films Ltd or any of its affiliated companies (hereinafter 'Innovia Films') declines any liability with respect to the use made by any third party of the information contained herein. The information contained herein represents Innovia Films' best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, the accuracy, the completeness or relevance of the data set out herein). Innovia Films is the sole owner or authorised user of the intellectual property rights relating to the information communicated.

The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted to the client's specific use. The client should perform his own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client.