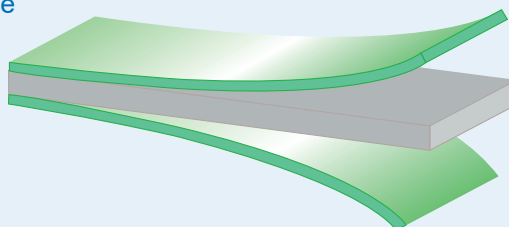


# Propafilm™ RCP

## Technical Data Sheet



**RCP - Peelable Acrylic Coated Film** - Biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chlorine free) dispersion.



- Acrylic Coating
- Shrink Tightening Oriented Polypropylene
- Acrylic Coating

### Features

- Unique peelable seal opening system
- Heat-sealable on both sides
- Excellent barrier to water vapour, flavours and aromas
- Low sealing threshold and broad sealing range
- Both sides of the film are receptive to inks, adhesives and tear-tapes
- Superior optical properties
- Puncture and impact-resistance properties are maintained even at low temperatures

### Applications

**RCP52(200)/60(240)** are ideally suited for heavy duty applications, particularly for form-fill-seal machinery and bag applications where good hot tack properties are required.

Finished packs will show convenient peelable seals A/A, A/B and B/B.

### Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RCP	
Thickness	Innovia Films test		micron	52	60
			gauge	200	240
Yield	Innovia Films test		m <sup>2</sup> /kg	21.1	18.3
			in <sup>2</sup> /lb	14800	12900
			g/m <sup>2</sup>	47.7	54.5
Permeability to: Water vapour	ASTM F 1249	38°C 90% RH 100°F 90% RH	g/m <sup>2</sup> .24 hrs g/100in <sup>2</sup> . 24 hrs	3.5 0.20	3.0 0.19
Oxygen	ASTM F 1927	23°C 0% RH 73°F 0% RH	cc/m <sup>2</sup> .24 hrs cc/100in <sup>2</sup> . 24 hrs	600 35	550 35
Optical: Gloss	ASTM D 2457	45°	units	90	
Haze (wide angle)	ASTM D 1003	2.5°	%	3.0	
Coefficient of friction (film to film)	ASTM D 1894	Static/ Dynamic		0.30 0.25	
Sealing range	Innovia Films test	2 secs; 0.10MN/m <sup>2</sup> 2 secs; 15 psi	°C °F	85-145 185-295	
Seal strength	Innovia Films test	130°C; 2 secs; 0.10MN/m <sup>2</sup> 265°F; 2 secs; 15 psi	g(f)/25mm/ in	300	
Shrinkage	Innovia Films test	60 secs at 80°C (176°F) 60 secs at 120°C (248°F)	% MD	2.0	
			TD	Nil	
			MD	7.0	
			TD	1.0	

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH,(73 ± 4F, 50 ± 5% RH), unless otherwise stated. Where relevant, tests are based on international testing standards.

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### Reel Specifications

#### Nominal Reel Diameters

Film	Single Length (metres)	12x Length (metres)
RCP52	725	8700
RCP60	625	7500

Film	Single Length (feet)	12x Length (feet)
RCP200	2400	28800
RCP240	2050	24600

Other reel lengths are available in multiples of the single length as per the core diameter listed below.

Outside Diameter	1x	2x	4x	6x	8x	12x
For 77mm / 3in core	240mm 9½in	330mm 13in	450mm 18in	-	-	-
For 153mm / 6in core	-	-	475mm 18¾in	570mm 22½in	650mm 25½in	785mm 31in

### Film Storage and Handling

The low heat-seal threshold and wide seal range of Propafilm™ RCP 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 (85°F) and localised sources of heat above 45°C (115°F). Reels of Propafilm™ RCP 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™ RCP 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™ RCP complies with the applicable EU and US legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use Propafilm™ RCP in a food contact application should request a copy of this document from Innovia Films. Details of compliance with food contact legislation in non-EU countries are also available upon request.

### Health & Safety Guidelines

For Health & Safety information, please refer to literature reference B190.

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