

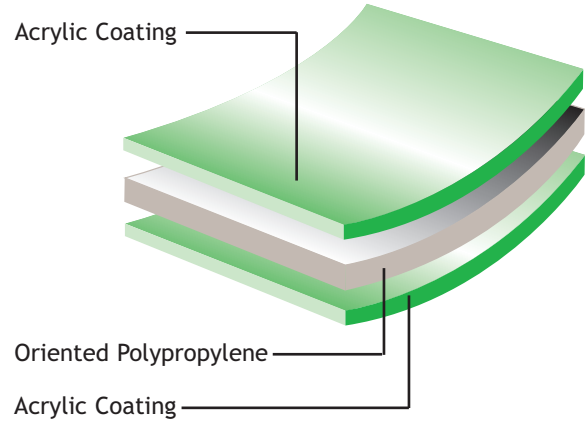
Propafilm™ RC

Data

Acrylic Coated Film

Biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chlorine free) dispersion.

- Heat-sealable on both sides, with excellent hot tack
- Excellent barrier to water vapor, flavors 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

RC80 is suitable for use in single web applications or in a lamination to itself in both plain and printed forms on high-speed overwrapping and form-fill-seal machinery.

RC100/120 are suitable for use as a direct product overwrap or carton overwrap in the bakery and confectionery industries, where aroma barrier and optimum product presentation are required.

RC140/160 are suitable for VFF bag applications in the confectionery industry where good hot-tack properties are required.

RC200/240 are suitable for heavy duty applications where the films' excellent hot-tack and seal threshold can give superior machine performance over alternative structures.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RC						
Thickness	Innovia Films test		gauge	80	100	120	140	160	200	240
Yield	Innovia Films test		in ² /lb g/m ²	38400 18.3	30800 22.8	25700 27.4	22100 31.9	19350 36.4	14800 47.6	12900 54.5
Permeability to: Water vapor	ASTM F 1770	100°F 90% RH	g/100in ² .24 hrs	0.52	0.39	0.35	0.29	0.26	0.20	0.19
Oxygen	ASTM F 1927	77°C 0% RH	cc/100in ² . 24 hrs	61.29	54.84	48.39	41.94	40.32	38.71	35.48
Optical: Gloss	ASTM D 2457	45°	units	95						
Haze (wide angle)	ASTM D 1003	2.5°	%	1.5						
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	2.0 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

Roll Specifications

Nominal Roll Diameters

Film	Length/ (feet)					
	6250	12500	24950	37400	49900	74800
RC80	4900	9850	19700	29550	39400	59050
RC100	4100	8200	16400	24600	32500	49200
RC120	3600	7200	14450	21650	28900	43300
RC140	3100	6250	12500	18700	24950	37400
RC160	2500	5000	10000	15000	20000	30000
RC200	2050	4100	8200	12300	16400	24600
RC240						
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 RC 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 RC 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 RC 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 RC 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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