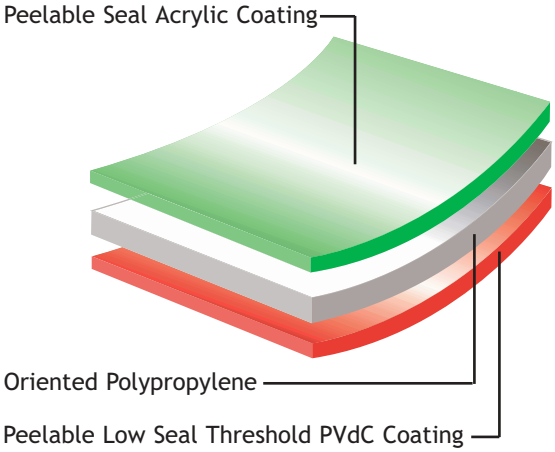
Propafilm™ RDP

Data

Peelable Seal Differentially Barrier Coated Film

Biaxially oriented polypropylene (BOPP) film coated on one side with an aqueous dispersion of polyvinylidene chloride (PVdC) copolymer, the other side coated with an aqueous acrylic dispersion.

- Heat-sealable on both sides. (A/A, P/P and A/P) with unique peelable seal opening system
- Exellent barrier to water vapor, gases and aromas
- Both sides of the film are receptive to inks, adhesives and tear tapes
- Puncture and impact-resistance properties are maintained even at low temperatures



Applications

RDP125 is recommended for use in plain and printed packs. Applications in the cookie, bakery and confectionery industries. Particulaly suitable for V.F.F applications.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RDP
Thickness	Innovia Films test		gauge	125
Yield	Innovia Films test		in^2/lb g/m^2	24535 28.7
Permeability to: Water vapor	ASTM F 1770	100°F 90% RH	$g/100in^2.24$ hrs	0.26
Oxygen	ASTM F 1927	77°F 0% RH	$cc/100in^2.24$ hrs	1.87
Optical: Gloss	ASTM D 2457	45°	units	100
Haze (wide angle)	ASTM D 1003	2.5°	%	3.5
Coefficient of friction (out to out)	ASTM D 1894	Static A/P Dynamic A/P		0.25 0.25
Sealing range	Innovia Films test	2 secs; 15 psi A/A P/P	°F	185-295 220-295
Seal strength	Innovia Films test	265°F; 1 secs; 15 psi A/A P/P	g(f)/in	305 355
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 A Acrylic Surface PVdC PVdC Surface

Roll Specifications

Nominal Roll Diameters

Film	Length/(feet)					
RDP125	3950	7900	15750	23600	31500	47250
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.

Acrylic Coated Surface
The acrylic coated surface is available on either the inner or outer surface of Propafilm RDP.
The acrylic surface is indicated by a symbol on a label attached to each roll.

Acrylic Surface	Ordering Code	Label Symbol
Inside	I	
Outside	O	

Film Storage & Handling
The low heat-seal threshold and wide seal range of Propafilm RDP 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 RDP 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 RDP 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 RDP 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.

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

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

Disclaimer: Innovia Films Inc 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 authorized 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.