

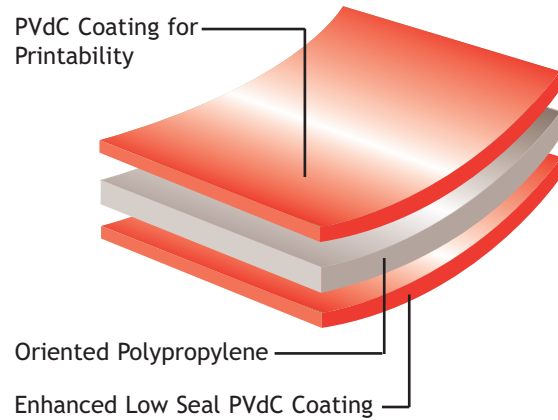
# Propafilm™ RXD

Data

## Barrier Coated Film

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

- Differentially PVdC coated to optimise superb printability with excellent sealability/machinability
- Excellent barrier to water vapour, gases and aromas
- 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



## Applications

RXD28/32/35 are recommended for use in plain and printed 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	RXD		
Thickness	Innovia Films test		micron	28	32	35
Yield	Innovia Films test		m <sup>2</sup> /kg g/m <sup>2</sup>	39.6 25.3	33.6 29.8	29.1 34.3
Permeability to: Water vapour	ASTM F 1249	23 °C 85% RH 38 °C 90% RH	g/m <sup>2</sup> .24 hrs	0.6 4.0	0.5 3.6	0.4 3.3
Oxygen	ASTM F 1927	23 °C 85% RH 25 °C 0% RH	cc/m <sup>2</sup> .24 hrs	15 15		
Optical: Gloss	ASTM D 2457	45°	units	110		
Haze (wide angle)	ASTM D 1003	2.5°	%	2		
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 <sup>2</sup>	°C	95-145		
Seal strength	Innovia Films test	130 °C; 2 secs; 0.10 MN/m <sup>2</sup>	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)					
	RXD28	1500	3000	6000	9000	12000
RXD32	1250	2500	5000	7500	10000	15000
RXD35	1100	2200	4400	6600	8800	13200
Outside Diameter for 77mm Core	240mm	330mm	450mm	ns	ns	ns
Outside Diameter for 153mm Core	ns	ns	475mm	570mm	650mm	785mm


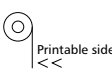
ns = non-standard

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 RXD.

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 RXD but it is recommended that dry conditions at temperatures below 30°C are employed to minimise any deterioration of surface energy level. Propafilm RXD 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 RXD complies with the applicable EC legislation for most applications involving direct contact with foods. Full details are given on the food contact certificate. Customers intending to use Propafilm RXD 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 and Safety information, please refer to literature reference B190.



[www.innoviafilms.com](http://www.innoviafilms.com)  
 email: [filmsinfo@innoviafilms.com](mailto:filmsinfo@innoviafilms.com)  
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### Sales Offices

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

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