

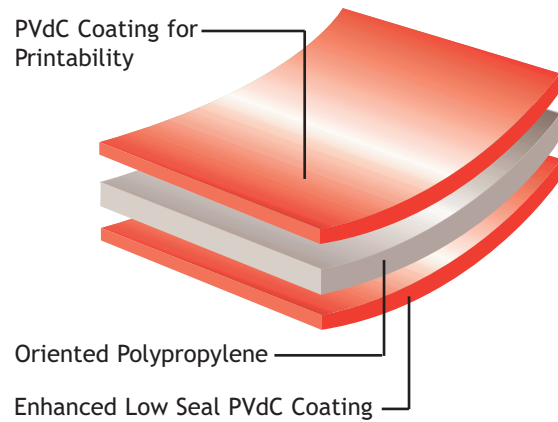
Propafilm™ RXD

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/machineability
- 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

RXD22 is suitable for use as a single web or in laminate structures for overwrapping and form-fill-seal packaging.

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	22	28	32	35
Yield	Innovia Films test		m ² /kg g/m ²	48.2 20.7	39.6 25.3	33.6 29.8	29.1 34.3
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m ² .24 hrs	0.8 4.8	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 ² .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 ²	°C	95-145			
Seal strength	Innovia Films test	130 °C; 2 secs; 0.10 MN/m ²	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)					
	RXD22	1700	3400	6800	10200	13600
RXD28	1500	3000	6000	9000	12000	18000
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 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

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