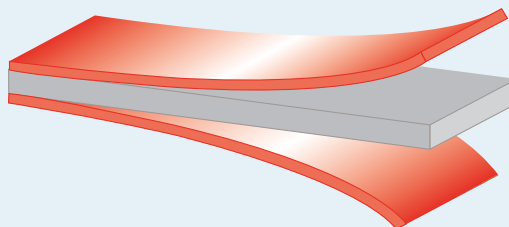


Propafilm™ RXD

Technical Data Sheet

RXD - Barrier Coated Film.

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



- PVdC Coating for Printability
- Oriented Polypropylene
- Enhanced Low Seal PVdC Coating

Features

- 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

RXD22(90) is suitable for use as a single web or in laminate structures for overwrapping and form-fill-seal packaging.

RXD28(110)/32(130)/35(140) 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			
				22	28	32	35
Thickness	Innovia Films test		micron	22	28	32	35
			gauge	90	110	130	140
Yield	Innovia Films test		m ² /kg	48.2	39.6	33.6	29.1
			in ² /lb	33900	27850	23600	20450
			g/m ²	20.7	25.3	29.8	34.4
Permeability to: Water vapour	ASTM F 1249	38°C 90% RH 100°F 90% RH	g/m ² .24 hrs	4.8	4.0	3.6	3.3
			g/100in ² . 24 hrs	0.31	0.26	0.23	0.21
Oxygen	ASTM F 1927	23°C 0% RH 73°F 0% RH	cc/m ² .24 hrs	15	15	15	15
			cc/100in ² . 24 hrs	0.97	0.97	0.97	0.97
Optical: Gloss	ASTM D 2457	45°	units	110			
Haze (wide angle)	ASTM D 1003	2.5°	%	2.0			
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; 0.10MN/m ² 2 secs; 15 psi	°C	95-145			
			°F	200-295			
Seal strength	Innovia Films test	130°C; 2 secs; 0.10MN/m ² 265°F; 2 secs; 15 psi	g(f)/25mm/ in	>350			
Shrinkage	Innovia Films test	60 secs at 120°C (250°F) 60 secs at 130°C (265°F)	% MD TD MD TD	4.0			
				Nil			
				7.0			
				1.0			

MD Machine Direction TD Transverse Direction

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

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Propafilm™ RXD

Technical Data Sheet

Reel Specifications

Nominal Reel Diameters

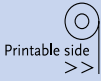

Film	Single Length (metres)	12x Length (metres)
RXD22	1700	20400
RXD28	1500	18000
RXD32	1250	15000
RXD35	1100	13200

Film	Single Length (feet)	12x Length (feet)
RXD90	5600	66950
RXD110	4900	59050
RXD130	4100	49200
RXD140	3610	43320

Other reel lengths are available subject to negotiation.

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

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 and Handling

No special conditions are required for the storage of Propafilm™ RXD but it is recommended that dry conditions at temperatures below 30°C (85°F) are employed. 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 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™ 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 & Safety information, please refer to literature reference B190.

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