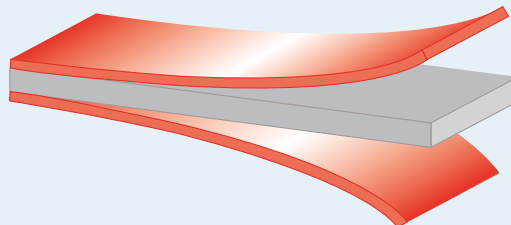


Propafilm™ RXE

Technical Data Sheet

RXE - Enhanced Low Heat-Seal Threshold Barrier Coated Film

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



Enhanced Low Seal PVdC Coating
Oriented Polypropylene
Enhanced Low Seal PVdC Coating

Features

- Enhanced low heat-seal threshold results in faster line speeds
- Heat-sealable on both sides
- Improved barrier to water vapour, gases and aromas
- High level of anti-static protection
- Puncture and impact-resistance properties are maintained even at low temperatures
- Unaffected by variations in climatic conditions

Applications

RXE25(100) is suitable for use as a single web or in laminate structures for overwrapping and form-fill-seal packaging.

RXE30(120) is suitable for use on high-speed overwrapping, HFF and VFFS machinery. Particularly suited for use as a direct product overwrap in the biscuit, confectionery and bakery industries.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RXE	
Thickness	Innovia Films test		micron	25	30
			gauge	100	120
Yield	Innovia Films test		m ² /kg	39.3	33.4
			in ² /lb	27600	23500
			g/m ²	25.4	29.9
Permeability to: Water vapour	ASTM F 1249	38°C 90% RH 100°F 90% RH	g/m ² .24 hrs g/100in ² . 24 hrs	4.3 0.28	3.8 0.24
Oxygen	ASTM F 1927	23°C 0% RH 73°F 0% RH	cc/m ² .24 hrs cc/100in ² . 24 hrs	15 0.96	15 0.96
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 °F	95-145 200-295	
Seal strength	Innovia Films test	130°C; 2 secs; 0.10MN/m ² 265°F; 2 secs; 15 psi	g(f)/25mm/ in	>400	
Shrinkage	Innovia Films test	60 secs at 120°C (248°F) 60 secs at 130°C (266°F)	% MD	4.0	
			TD	Nil	
			MD	7.0	
			TD	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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Reel Specifications

Nominal Reel Diameters

Film	Single Length (metres)	12x Length (metres)
RXE25	1500	18000
RXE30	1250	15000

Film	Single Length (feet)	12x Length (feet)
RXE100	4900	58800
RXE120	4100	49200

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

Film Storage and Handling

No special conditions are required for the storage of Propafilm™ RXE but it is recommended that dry conditions at temperatures below 30°C (85°F) are employed. Propafilm™ RXE 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™ RXE 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™ RXE 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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