

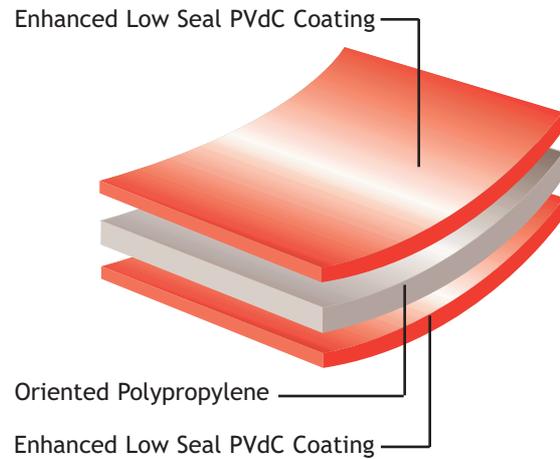
Propafilm™ RXE

Data

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

RXE30 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
Yield	Innovia Films test		m ² /kg g/m ²	39.3 25.4	33.4 29.9
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m ² .24 hrs	0.7 4.3	0.6 3.8
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	>400	
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)					
RXE25	1500	3000	6000	9000	12000	18000
RXE30	1250	2500	5000	7500	10000	15000
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.

Film Storage

No special conditions are required for the storage of Propafilm RXE but it is recommended that dry conditions at temperatures below 30°C 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 is suitable for most applications involving direct contact with foodstuffs. For specific enquiries, please refer to literature reference B110 or contact our Technical Services Department.

Health & Safety Guidelines

For Health and Safety information, please refer to literature reference B190.



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