

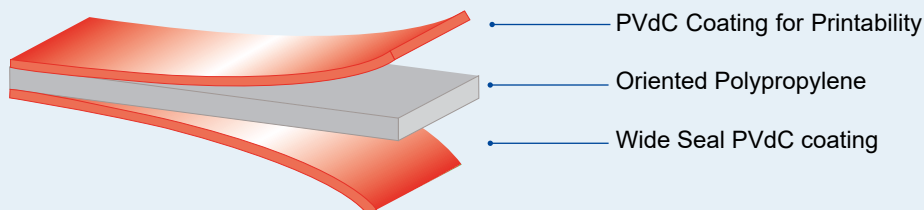
Propafilm™ RK+

Technical Datasheet

RK+ - Heat-Sealable Anti-Mist

Coated Film.

Biaxially oriented polypropylene (BOPP) film coated with two aqueous dispersions of polyvinylidene chloride (PVdC) copolymer.



Features

- Excellent anti-mist properties for sandwich, salad and vegetable packaging
- Heat-sealable on both sides but with a very wide seal range on one side
- One side preferential print surface and receptive to adhesives
- Excellent barrier to water vapour, gases and aromas
- Strong tearing seals
- High gloss surface on both sides
- Unaffected by variations in climatic conditions

Applications

RK+21 is suitable for use as a single web or in laminate structures in the fresh foods industry.

RK+25/30/35/50 are recommended for use as a single web in the fresh produce and meat industry. Particularly suited for medium to large packs on form-fill-seal machines.

Markets

Fresh produce
Meat
Sandwiches

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RK+				
				21	25	30	35	50
Thickness	Innovia Films test		micron	21	25	30	35	50
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	20.1 49.8
Permeability to: Water vapour	ASTM F 1249	23°C 85% RH 38°C 90% RH	g/m ² .24 hrs	0.8 5.5	0.7 5.0	0.7 4.5	0.6 4.0	0.3 3.0
Oxygen	ASTM F 1927	23°C 85% RH 25°C 0% RH	cc/m ² .24 hrs	15 15	15 15	15 15	15 15	15 15
Optical: Gloss	ASTM D 2457	45°	units	100-110				
Haze (wide angle)	ASTM D 1003	2.5°	%	2-3				
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	90-145				
Anti-Mist test	ICI	4°C		E				
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 4.0				

MD Machine Direction TD Transverse Direction

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.

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Reel Specifications



Nominal Reel Diameters

Film	Length/(metres)					
	1700	3400	6800	10200	13600	20400
RK+21	1500	3000	6000	9000	12000	18000
RK+25	1250	2500	5000	7500	10000	15000
RK+30	1100	2200	4400	6600	8800	13200
RK+35	750	1500	3000	4500	6000	9000
RK+50	240mm	330mm	450mm	-	-	-
Outside Diameter for 77mm core	-	-	475mm	570mm	650mm	785mm
Outside Diameter for 153mm core	-	-	-	-	-	-

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™ RK+. The print surface is indicated by a symbol on a label attached to each reel.

Treated Surface	Ordering Code	Label Symbol
Inside	I	 Printable side >>
Outside	O	 Printable side <<

Film Storage

No special conditions are required for the storage of Propafilm™ RK+ but it is recommended that dry conditions at temperatures below 30°C are employed. Propafilm™ RK+ 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™ RK+ complies with the applicable EU legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use Propafilm™ RK+ in a food contact application should request a copy of this document from Innovia Films. Propafilm™ RK+ does not comply with US legislation for applications involving direct contact with foods. Details of compliance with food contact legislation in other countries are also available upon request.

Health & Safety Guidelines

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

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