

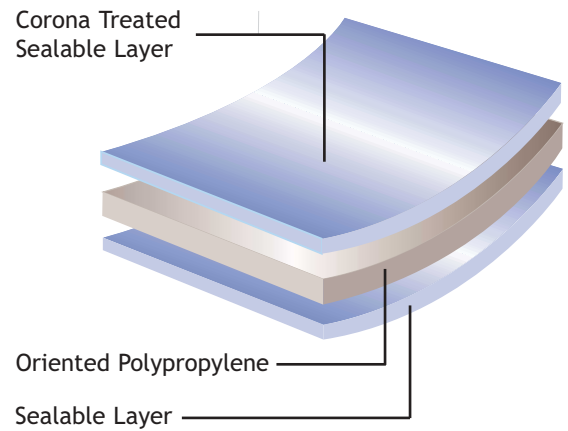
Propafilm™ RGP

Data

Multi-Purpose Film

Biaxially oriented polypropylene (BOPP) film co-extruded on both sides with polyolefinic copolymers.

- Heat sealable on both sides
- Excellent water vapor barrier
- Anti-static protected
- Treated one side for printing and laminating
- Puncture and impact resistance maintained at low temperatures
- Unaffected by variations in climatic conditions



Applications

RGP is a multi-purpose film suitable for packaging a wide range of products either in single web form, or in a lamination to itself or to other substrates.

RGP60 is particularly suited for laminating to Propafoil™ RVU60 to provide a lightweight, high barrier structure for the vertical form-fill-and-seal packaging of snack foods, for example.

RGP80 is also used in laminations, or as a single web for lightweight packages.

RGP100 and RGP120 are suitable for both overwrapping and form-fill-and-seal applications, whereas RGP140 may be used singly as an alternative to a lamination.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RGP				
Thickness	Innovia Films test		gauge	60	80	100	120	140
Yield	Innovia Films test		in ² /lb g/m ²	51650 13.6	38700 18.2	31000 22.7	25800 27.3	22100 31.9
Permeability to: Water vapor Oxygen	ASTM F 1770	100 °F 90% RH	g/100in ² .24 hrs	0.65	0.48	0.39	0.32	0.26
	ASTM F 1927	73 °F 0% RH	cc/100in ² .24 hrs	206	148	116	103	90
Optical: Gloss	ASTM D 2457	45 °	units	100				
Haze (wide angle)	ASTM D 1003	2.5 °	%	2.0				
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.30				
Corona treatment	Innovia Films test		dynes/cm	38				
Tensile strength	ASTM D 882	Strain rate 50% / min.	lb/in ² MD TD	33300 27500				
Elongation at break	ASTM D 882	Strain rate 50% / min.	% MD TD	90 125				
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10% / min.	lb/in ² MD TD	361700 303800				
Sealing range	Innovia Films test	2 secs; 15 psi	°F	240-295 untreated to untreated				
Seal strength	Innovia Films test	265 °F; 2 secs; 15 psi	g/(f)/in	>350 untreated to untreated				
Shrinkage	Innovia Films test	60 secs at 265 °F	% MD TD	6.0 -1.0				

All properties are tested under standard laboratory conditions: 73± 4°F; 50± 5% RH, unless otherwise stated. Where relevant, tests are based on international testing standards.
 MD Machine Direction TD Transverse Direction

Roll Specifications

Nominal Roll Diameters



Film	Length/ (feet)					
RGP60	-	16400	32800	49200	65600	98400
RGP80	6250	12500	24900	37400	49850	74800
RGP100	4900	9850	19700	29550	39400	59050
RGP120	4100	8200	16400	24600	32800	49200
RGP140	3600	7200	14450	21650	28900	43300
Outside Diameter for 3in Core	9½in	13in	18in	ns	ns	ns
Outside Diameter for 6in Core	ns	ns	18¾in	22½in	25½in	31in

ns = non-standard

Other roll lengths are available subject to negotiation.

Corona Discharge Treatment

Corona discharge treatment is available on either the inner or outer surface of Propafilm RGP. The treated surface is indicated by a symbol on a label attached to each roll.

Treated Surface	Ordering Code	Label Symbol
Inside	I	
Outside	O	

Film Storage

No special conditions are required for the storage of Propafilm RGP but it is recommended that dry conditions at temperatures below 85°F are employed to minimize any deterioration of surface discharge treatment level.

Propafilm RGP 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 RGP is suitable for most applications involving direct contact with foodstuffs. For specific inquiries, 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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