

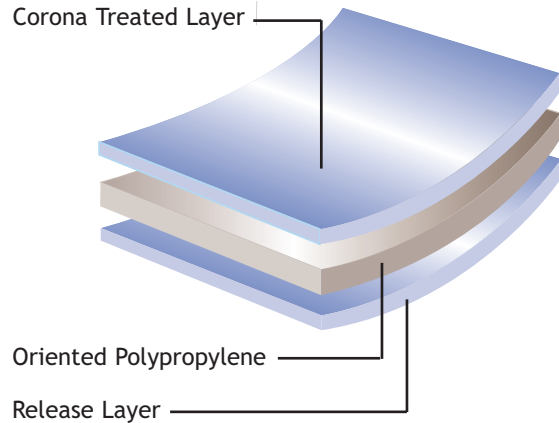
# Propafilm™ RGR02

Data

## One Side Treated Release Film

Biaxially oriented polypropylene (BOPP) film co-extruded on both sides with surface polymers.

- One side good release properties
- Treated one side for printing and laminating
- Excellent optical characteristics
- Blown film production process results in balanced mechanical properties
- Puncture and impact-resistance properties are maintained even at low temperatures



## Applications

RGR02/60 & 120 are particularly suited for tape and release applications, in which RGR02 could be reverse printed and laminated to another web.

RGR02/60 suited for the outer web of foil laminations used in condiment sachet applications.

RGR02/120 is a release film that is used in a range of industrial applications.

## Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RGR02	
Thickness	Innovia Films test		gauge	60	120
Yield	Innovia Films test		in <sup>2</sup> /lb g/m <sup>2</sup>	51650 13.6	25800 27.3
Permeability to: Water vapor	ASTM F 1770	100 ° F 90% RH	g/100in <sup>2</sup> .24 hrs	0.65	0.32
Oxygen	ASTM F 1927	73 ° F 0% RH	cc/100in <sup>2</sup> .24 hrs	206	103
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 <sup>2</sup> MD TD	33300 27500	
Elongation at break	ASTM D 882	Strain rate 50% / min.	lb/in <sup>2</sup> MD TD	90 125	
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10% / min.	lb/in <sup>2</sup> MD TD	361700 303800	
Shrinkage	Innovia Films test	60 secs at 265 ° F	% MD TD	6.0 Nil	

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)					
	RGR02/60 RGR02/120	- 4100	16400 8200	32800 16400	49200 24600	65600 32800
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 RGR02.

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 RGR02 but it is recommended that dry conditions at temperatures below 85°F are employed.

Propafilm RGR02 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 RGR02 is suitable for most applications involving direct contact with foodstuffs. For specific inquiries, please refer to literature reference B120 or contact our Technical Services Department.

## Health & Safety Guidelines

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



[www.innoviafilms.com](http://www.innoviafilms.com)  
 email: [filmsinfo@innoviafilms.com](mailto:filmsinfo@innoviafilms.com)  
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### Sales Offices

Americas (USA)	Tel +1 877 822 3456
Europe (UK)	Tel +44 (0)16973 42281
Asia-Pacific (Aus)	Tel +61 3 9303 0600

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