

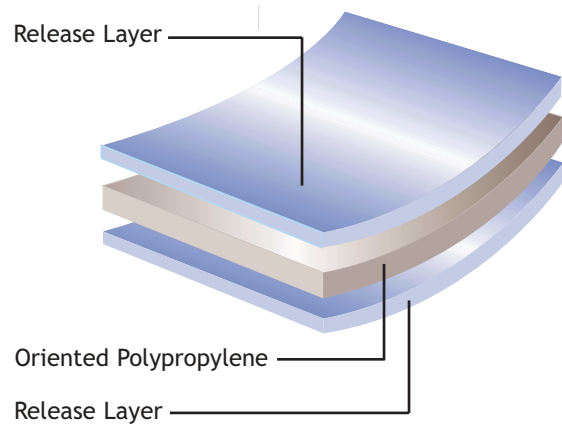
Propafilm™ RGR03

Data

Release Film

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

- Good release properties on both surfaces
- Excellent optical characteristics
- Blown film production process results in balanced mechanical properties
- Puncture and impact resistance properties maintained at low temperatures
- Excellent slip properties



Applications

RGR03/30 is part of a family of release films that are designed for use in a range of industrial applications.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	RGR03
Thickness	Innovia Films test		micron	30
Yield	Innovia Films test		m ² /kg g/m ²	36.6 27.3
Coefficient of friction (film to film)	ASTM D 1894	Static / Dynamic		0.30-0.40 0.2-0.3
Tensile strength	ASTM D 882	Strain rate 50% / min.	MN/m ² MD TD	210 170
Elongation at break	ASTM D 882	Strain rate 50% / min.	% MD TD	80 110
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10% / min.	MN/m ² MD TD	2300 2100
Shrinkage	Innovia Films test	60 secs at 130 °C	% MD TD	6.0 Nil

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

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Reel Specifications

Nominal Reel Diameters

Film	Length/(metres)					
	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 RGR03 but it is recommended that dry conditions at temperatures below 30°C are employed. Propafilm RGR03 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.

Health & Safety Guidelines

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



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