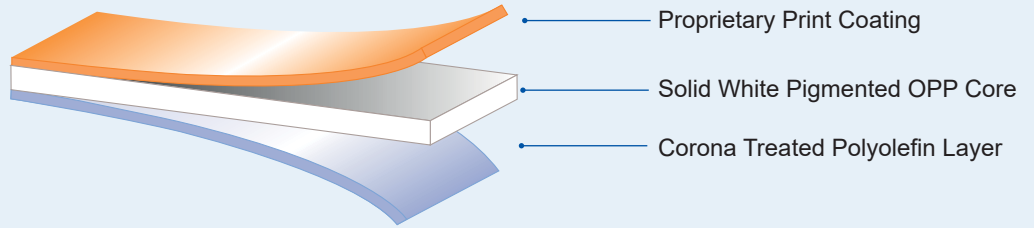


# Rayoface™ WZPA

## Technical Data Sheet

**WZPA - Top Coated White, High Gloss Biaxially Oriented Polypropylene Film with Enhanced Squeezability for Facestock.**

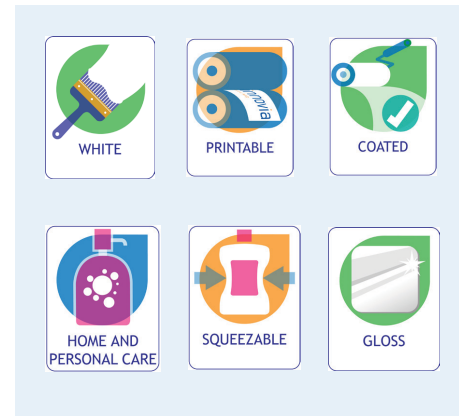


### Features

- Enhanced squeeze performance
- Dedicated superior print receptive top coating for excellent printability
- High opacity
- Excellent hot/cold moisture resistance
- Recyclable with polyolefin materials
- Balanced biaxial orientation for superior die cutting
- High gloss surface
- Low elongation gives excellent print register control
- Excellent whiteness

### Printability

**Rayoface™ WZPA** has a proprietary top coating which gives outstanding printing performance. Rayoface™ WZPA can be printed by a wide variety of printing processes, including offset, screen, letterpress and flexography. However, exact ink systems should be recommended by your supplier. The top coat on Rayoface™ WZPA gives outstanding print adhesion with UV curing inks. Ink adhesion is maintained even after prolonged immersion in hot water, with no visible clouding of the top coat and withstands immersion in iced water for long periods.



### Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	WZPA	
Thickness	Innovia Films test		micron	56	
			gauge	220	
Yield	Innovia Films test		m <sup>2</sup> /kg	18.2	
			in <sup>2</sup> /lb	12800	
			g/m <sup>2</sup>	54.9	
Optical: Opacity	Innovia Films test		%	76	
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	MD	157
				TD	183
			kpsi	MD	22.8
				TD	26.5
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD	84
				TD	113
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m <sup>2</sup>	MD	1400
				TD	1250
			kpsi	MD	203
				TD	181
Dimensional stability	Innovia Films test	60 secs at 100°C (212°F)	%	MD	5.0
				TD	-1.0

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH, (73 ± 4F, 50 ± 5% RH), unless otherwise stated. Where relevant, tests are based on international testing standards.

Rayoface™ WZPA - 1 of 2 - 0820

# Rayoface™ WZPA

## Technical Data Sheet

### Conversion

The balanced biaxial orientation of Rayoface™ WZPA results in excellent die cutting performance, enhancing label edge appearance and prolonging die life. The high machine direction stiffness and tensile strength produces excellent matrix stripping and superior high speed label dispensing.

### Reel Specifications

#### Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
WZPA56	153	849	9300

Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
WZPA220	6	33.4	30500

Alternative reel lengths/core sizes are available subject to negotiation.

The print coating is available on either the inner or outer surface of Rayoface™ WZPA

**Film Storage and Handling** Care should be taken to protect reels of film from storage temperatures above 30°C (86°F) and localised sources of heat above 45°C (113°F). The reels should remain in the protective coverings supplied until ready for use on converting machinery. Converted reels, in both master and slit reel form should be similarly protected at all times. Rayoface™ WZPA 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

Rayoface™ WZPA does not comply with either EU or US legislation for direct contact with food. For specific enquires please contact our Technical Services Department.

### Health & Safety Guidelines

For Health & Safety information, please refer to literature reference L190.

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Rayoface™ WZPA – 2 of 2 – 0820

#### Regional Offices:

Europe (UK) Tel +44 16973 42281

Americas (USA) Tel +1 800 424 6273

Asia-Pacific (Aus) Tel +61 3 9303 0600

[www.innoviafilms.com](http://www.innoviafilms.com)

email: [labels@innoviafilms.com](mailto:labels@innoviafilms.com)

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