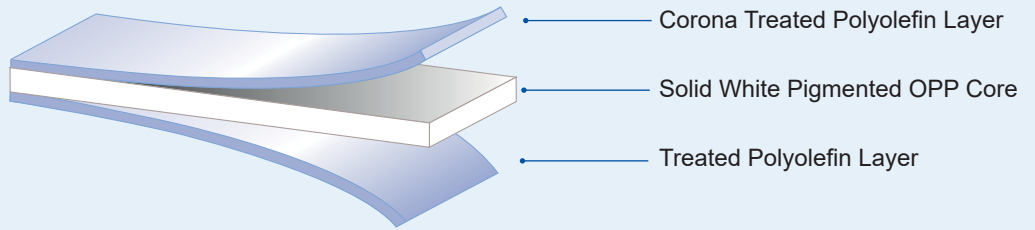


Rayoface™ WZ

Technical Data Sheet

WZ - White, High Gloss, Biaxially Oriented Polypropylene Film with Enhanced Squeezability for Facestock Applications.

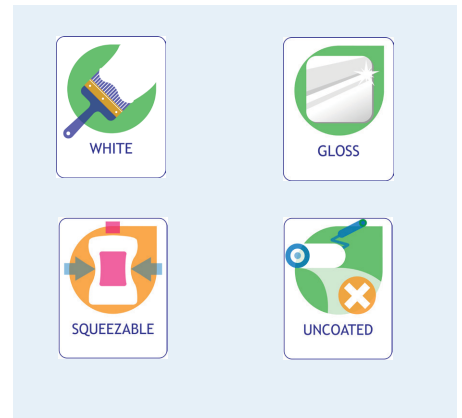


Features

- Enhanced squeeze performance
- Corona treated print surface
- 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™ WZ can be printed by traditional flexographic and gravure processes. However, exact ink systems should be recommended by your supplier. Additional in-line corona treatment is recommended for optimum performance.



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	WZ	
Thickness	Innovia Films test		micron	50	55
			gauge	200	220
Yield	Innovia Films test		m ² /kg	20.4	18.6
			in ² /lb	14300	13100
			g/m ²	49.0	53.8
Optical opacity	Innovia Films test		%	77	80
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m ²	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 ²	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™ WZ- 1 of 2 - 0120

Rayoface™ WZ

Technical Data Sheet

Conversion

The balanced biaxial orientation of Rayoface™ WZ 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)
WZ50	153	920	12300
WZ55	153	963	12300

Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
WZ200	6	33.5	31500
		36.2	40400
WZ220	6	37.9	40400

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

Corona treatment is available on either the inner or outer surface of Rayoface™ WZ.

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™ WZ 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™ WZ complies with the applicable EU & US legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use Rayoface™ WZ in a food contact application should request a copy of this document from Innovia Films. Details of compliance with food contact legislation in non-EU countries are also available upon request.

Health & Safety Guidelines

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

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Rayoface™ WZ – 2 of 2 - 0120

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