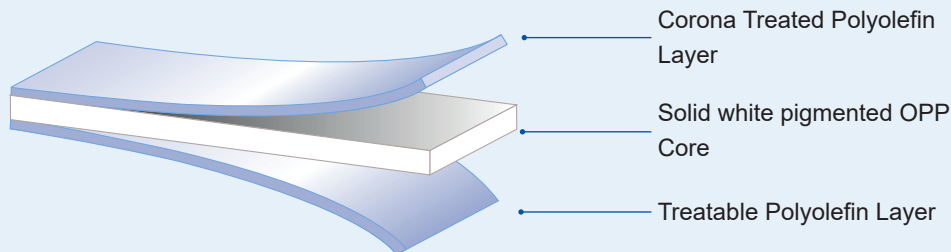


Rayoface™ W

Technical Data Sheet

W - White, High Gloss Biaxially Oriented Polypropylene Film for Facestock Applications.

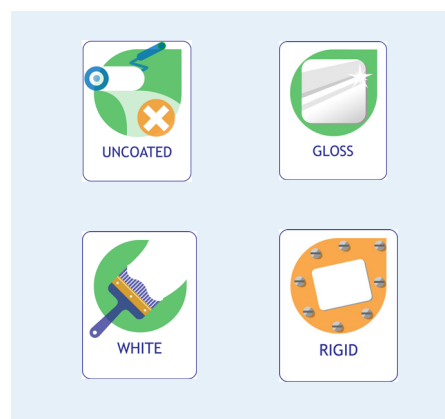


Features

- Corona treated print surface
- No migratory additives
- High opacity
- Excellent hot /cold moisture resistance
- Recyclable with polyolefin materials
- Semi-squeeze performance
- High stiffness for conversion and automatic dispensing
- Balanced biaxial orientation for superior die cutting
- High gloss surface
- Excellent whiteness

Printability

Rayoface™ W 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	W				
Thickness	Innovia Films test		micron	28	49	50	58	90
			gauge	120	195	200	230	360
Yield	Innovia Films test		m ² /kg	36.4	20.6	20.2	17.6	11.3
			in ² /lb	24400	14500	14200	12400	7900
			g/m ²	27.5	48.5	49.5	56.8	88.5
Optical; Opacity	Innovia Films test		%	62	80	80	80	85
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m ²	MD	175			180
				TD	155			170
			kpsi	MD	25.3			26.1
				TD	22.5			24.6
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD	85			110
				TD	110			120
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m ²	MD	2400			2000
				TD	2100			1900
			kpsi	MD	348			290
				TD	304			276
Dimensional stability	Innovia Films test	60 secs at 120°C (248°F)	%	MD	3.0			
				TD	NIL			
		60 secs at 130°C (266°F)		MD	7.0			
				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.

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Rayoface™ W

Technical Data Sheet

Conversion

The balanced biaxial orientation of Rayoface™ W 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)
W28	153	785	16200
W49	153	1109	18350
W50	153	913	12300
W58	153	870	9600
W90	77	450	1600
	153	864	6000

Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
W120	6	31.0	53000
W195	6	43.7	60200
W200	6	35.9	40350
W230	6	34.3	31500
W360	3	17.7	5600
	6	34.0	19700

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

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

Film Storage and Handling

For the storage of Rayoface™ W it is recommended that dry conditions at temperatures below 30°C (86°F) are employed to minimise any deterioration of surface discharge treatment level. Rayoface™ W 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™ W complies with the applicable EU and US legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use Rayoface™ W 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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