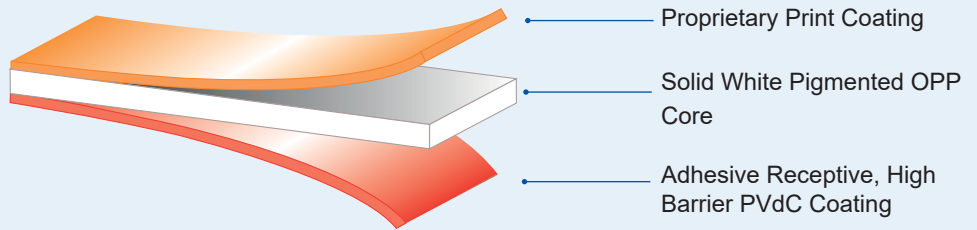


Rayoface™ WXFF

Technical Data Sheet

WXFF - High Barrier, Top Coated White, Biaxially Oriented Polypropylene Film for Facestock Applications.



Features

- Dedicated print and foil receptive top coat
- Superior fine tone and foiling performance
- High opacity
- High gloss surface
- Excellent hot/cold moisture resistance
- For rigid or semi-squeeze containers
- High stiffness for conversion and automatic dispensing
- Balanced biaxial orientation for superior die cutting
- High barrier PVdC coating on reverse side
- Excellent whiteness

Printability

Rayoface™ WXFF utilises a proprietary water-based coating for enhanced printability by narrow web processes and thermal transfer printing. It has a wide process window offering improved ink adhesion and rub resistance. Exact ink, ribbon and foil selections should be recommended by your supplier. The reverse side barrier coating offers wide adhesive compatibility and barrier properties to migratory chemicals.



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	WXFF
Thickness	Innovia Films test		micron	53
			gauge	210
Yield	Innovia Films test		m ² /kg	19.0
			in ² /lb	13350
			g/m ²	52.6
Optical opacity	Innovia Films test		%	80
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m ²	MD 175
				TD 155
			kpsi	MD 25.4
				TD 24.5
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD 85
				TD 110
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m ²	MD 2400
				TD 2100
			kpsi	MD 348
				TD 305
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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Conversion

High machine direction stiffness and tensile strength afford fast, efficient self adhesive lamination, enhanced printing press registration, matrix stripping and superior high speed label dispensing. Die cutting performance and reduced die wear are aided by the balanced orientation properties of the facestock film.

Reel Specifications

Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
WXFF53	153	813	9300
Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
WXFF210	6	32	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™ WXFF.

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™ WXFF 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™ WXFF 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™ WXFF 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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