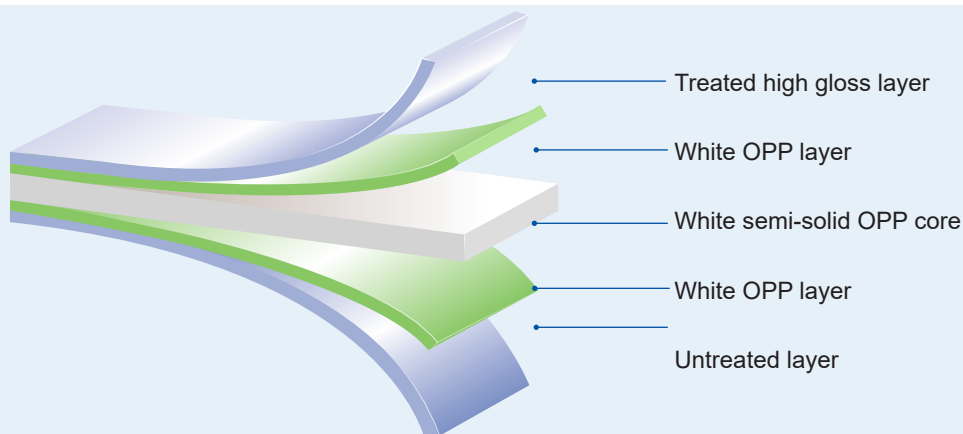


# Rayoface™ JB

## Technical Data Sheet

**JB** - High yield semi-solid, glossy white opaque BOPP film for label facestock applications.



### Features

- High yield semi-solid film
- High opacity
- Glossy white appearance
- Coating receptive surface
- Excellent web flatness for coating process

### Application

- Label facestock film for pressure sensitive label applications



### Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	JB	
Thickness	Innovia Films test		micron	47	
Yield	Innovia Films test		m <sup>2</sup> /kg	25.6	
Optical: Gloss	Innovia Films test	45°	%	49	
Basis Weight	Innovia Films test		g/m <sup>2</sup>	39.0	
Opacity	Innovia Films test		%	88	
Whiteness	Innovia Films test		% (Berger)	87	
Surface Energy	ASTM D 2578	Outside	mN/m (dyne)	40	
Tensile Strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	MD TD	100 160
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	192 32
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 50%/min	Mpa	MD TD	1200 2100
Thermal Shrinkage	Innovia Films test	60 secs at 130°C	%	MD TD	2.8 1.0

MD Machine Direction TD Transverse Direction

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.

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### Conversion

Treatment and Winding	Surface Printing
One-side treated	Treatment properties are guaranteed for 6 months only
Treated surface wound to outside of reel	Excellent web flatness permits higher speed printing
Refer to reel tag for specific treatment on roll	Run appropriate trials prior to production
Untreated surface is treatable	Consult your ink, coating and adhesive suppliers

#### Conversion Note -

During conversion, web temperatures should not exceed a web temperature of (40°C).

### Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
JB47	153	900	12300

All reels are wound to length. Actual OD may vary with thickness and winding density variations.

### Film Storage and Handling

The films should be placed in the processing area 24 hours prior to processing, to acclimatise. The films are largely unaffected by climatic conditions but should not be stored at temperatures above 104°F (40°C). Under suitable storage conditions, the film can be stored for a period of 6 months without any risk of deterioration.

### Food Contact

Rayoface™ JB 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™ JB 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

MSDS sheets, as well as other product safety documents, are available for our films upon request.

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