

Rayoface™ ACPA

Data

High Performance, Two Side Coated Clear, High Gloss
Biaxially Oriented Polypropylene Film for Facestock Applications

FEATURES

- Dedicated superior print receptive top coating for excellent printability
- Dedicated adhesive receptive coating for enhanced adhesive anchorage
- Excellent clarity for “no label look”
- Excellent hot/cold moisture resistance
- Recyclable with polyolefin materials
- Semi-squeeze performance
- High stiffness for conversion and automatic dispensing
- Balanced biaxial orientation for superior even die cutting
- High gloss surface

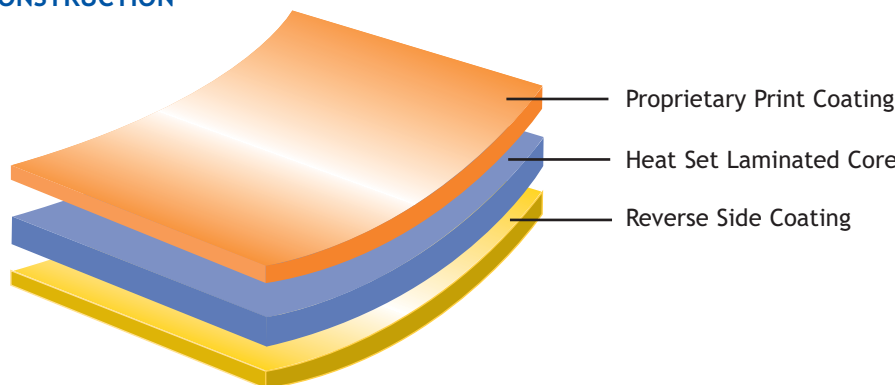
PRINTABILITY

Rayoface ACPA has a proprietary top coating which gives outstanding printing performance across a wide variety of printing processes including flexography, letterpress, offset, silkscreen, gravure and hot or cold foiling processes. It is highly compatible with UV, water-based and solvent-based inks, excellent for demanding applications where the label can be exposed to moisture and a range of temperatures. However, exact ink and foil systems should be recommended by your supplier.

CONVERSION

The balanced biaxial orientation of Rayoface ACPA 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.

CONSTRUCTION



STANDARD REEL SPECIFICATIONS

Film	Core Size / (mm)	Approx Outside Dia / (mm)	Length / (metres)
ACPA52	153	813	9300
ACPA60	153	871	9300

Alternative reel lengths/core sizes are available subject to negotiation.
The print coating is available on either the inner or outer surface of Rayoface ACPA.

Technical Properties (Typical Values)
Physical Data

Property	Test Method	Test Conditions	Units	ACPA	
Thickness	Innovia Films test		micron	52	60
Yield	Innovia Films test		m ² /kg g/m ²	21.2 47.2	18.4 54.3
Optical: Gloss	ASTM D 2457	45°	%	90	
Haze (wide angle)	ASTM D 1003	2.5°		<3.0	

Mechanical Data

Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m ²	MD TD	200 180
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	105 120
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m ²	MD TD	2400 2200

Thermal Data

Dimensional stability	Innovia Films test	60 secs at 120° C	%	MD TD	3.0 Nil
		60 secs at 130° C		MD TD	6.0 1.0

All properties are tested under standard laboratory conditions: 23 ±2° C; 50 ±5% RH, unless otherwise stated.

MD Machine direction TD Transverse direction

Film Storage and Handling

Care should be taken to protect reels of film from storage temperatures above 30° C and localised sources of heat above 45° C.

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 ACPA 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.

Please refer to literature reference L110 - 1 of 2.

Food Contact

Rayoface ACPA is not suitable for applications involving direct contact with foodstuffs. For specific enquiries, please refer to literature reference L110 - 2 of 2, or contact our Technical Services Department.

Health and Safety Guidelines

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

Additional Information

Innovia Films neither guarantees nor tests the pasteurisation resistance for Rayoface ACPA. If this product is to be used in a pasteurisable application, we would advise you to undertake your own thorough testing to ensure it meets your requirements.



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