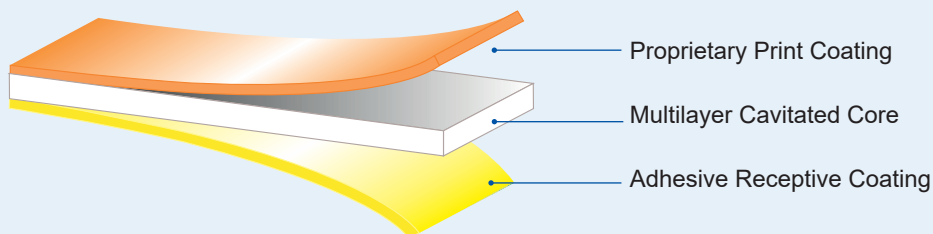


Rayoface™ AQBSA

Technical Data Sheet

AQBSA - High Performance, Two Side Coated White, High Gloss Biaxially Oriented Polypropylene Film for Facestock Applications.

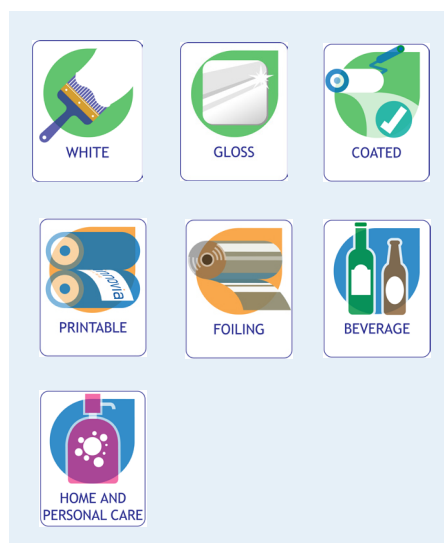


Features

- High yield
- High gloss
- High whiteness & opacity
- Print receptive topcoat
- Dedicated adhesive receptive backside coating
- Recyclable with polyolefin materials
- Semi squeeze performance
- High stiffness for high speed automatic dispensing

Printability

Rayoface™ AQBSA utilises a unique aqueous topcoat that offers high off-press ink adhesion and enhanced detailed tone and foil capability. Wide narrow web ink, foil and process compatibility make it a very versatile printable film. Suitable for use with UV and WB inks for flexography, web-offset, letterpress, rotary screen and gravure. Exact ink and foils systems should be recommended by your supplier.



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	AQBSA				
Thickness	Innovia Films test		micron	58				
			gauge	230				
Yield	Innovia Films test		m ² /kg	23.6				
			in ² /lb	16600				
			g/m ²	42.4				
Optical: Gloss	Innovia Films test	45°	%	55				
				Optical opacity	91			
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m ²	MD TD	100 200			
			kpsi	MD TD	14.5 29.0			
			Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD	180
							TD	60
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m ²	MD TD	1300 1800			
			kpsi	MD TD	188.4 260.9			
			Dimensional stability	Innovia Films test	60 secs at 130°C (266°F)	%	MD	3.0
							TD	5.0

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH, (73 ± 4°F, 50 ± 5% RH), unless otherwise stated. Where relevant, tests are based on international testing standards.

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use our imagination...

Rayoface™ AQBSA

Technical Data Sheet

Conversion

The multilayer base film of Rayoface™ AQBSA offers excellent die cutting and matrix stripping performance. The high stiffness offers excellent high speed label dispensing and accurate label placement.

Reel Specifications

Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
AQBSA58	153	992	12300

Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
AQBSA230	6	39.1	40350

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

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

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™ AQBSA 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™ AQBSA complies with applicable EU legislation for applications involving contact with food. Customers intending to use Rayoface™ AQBSA in food contact applications should request a copy of the Declaration of Compliance from Innovia Films. Full details are given in the Declaration of Compliance.

Health & Safety Guidelines

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

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