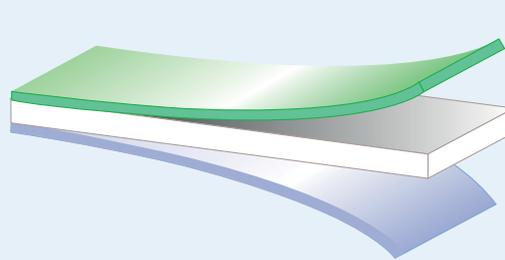


Rayoface™ VBEV

Technical Data Sheet

VBEV - Water resistant, High Yield Synthetic Paper for Beverage Facestock Applications.



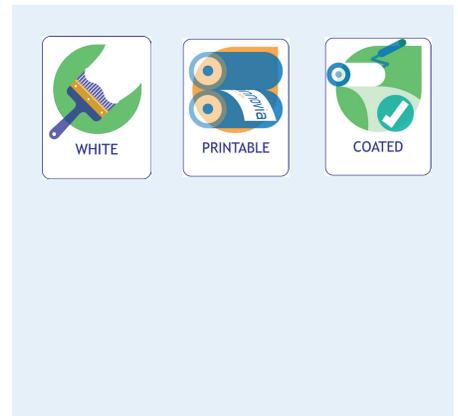
- Proprietary Paper-Like, Print Receptive Coating
- UV Stabilised Cavitated White OPP Core
- Corona Treated Polyolefin Layer

Features

- Premium paper look and feel
- Highly resistant to prolonged immersion in hot, cold and iced water
- Outstanding dimensional stability in humid and refrigerated environments
- Highly printable top coating
- High yield
- High opacity
- High stiffness for optimised web processing
- Balanced orientation for superior die cutting

Printability

Rayoface™ VBEV has a proprietary paper-like top coating offering paper aesthetics and tactility. The film is printable across a wide range of narrow web inks and processes including flexography, offset and letterpress. Cold foiling and hot foil stamping are also readily achieved for maximum brand impact. Exact ink and foil systems should be recommended by your supplier.



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	VBEV	
				66	81
Thickness	Innovia Films test		micron	66	81
			gauge	260	320
Yield	Innovia Films test		m ² /kg	21.4	17.5
			in ² /lb	15000	12300
			g/m ²	46.7	57.1
Optical Opacity	Innovia Films test	45°	%	90	91
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m ²	MD	100
				TD	85
			kpsi	MD	14.5
				TD	12.3
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD	50
				TD	70
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m ²	MD	1350
				TD	1150
			kpsi	MD	196
				TD	167
Dimensional stability	Innovia Films test	60 secs at 120°C (248°F)	%	MD	2.5
				TD	1.5
		60 secs at 130°C (266°F)	MD	5.0	
			TD	0.5	

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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use our imagination...

Rayoface™ VBEV

Technical Data Sheet

Conversion

The balanced biaxial orientation of Rayoface™ VBEV 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)
VBEV66	153	920	9300
VBEV81	153	855	6500

Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
VBEV260	6	36	30500
VBEV320	6	34	21500

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

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

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™ VBEV 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™ VBEV does not comply with either EU or US legislation for direct contact with food. For specific enquires please contact our Technical Services Department.

Health & Safety Guidelines

For Health & Safety information, please contact our labels development department.

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