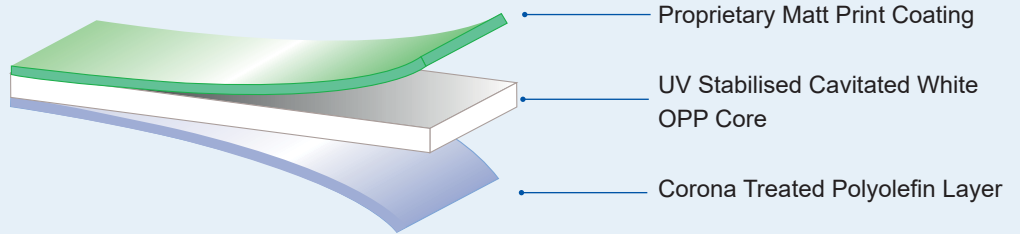


Rayoface™ VTT

Technical Data Sheet

VTT - Matt, Top Coated White, High Yield Synthetic Paper for Facestock Applications.

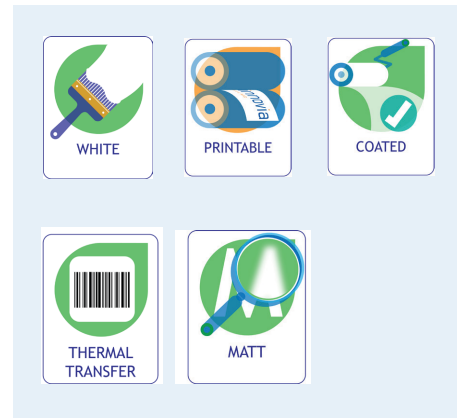


Features

- Dedicated print receptive top coating for excellent printability and smudge resistance
- Matt surface for reliable bar code readability
- UV stabilised for outdoor applications
- High yield
- High opacity
- High stiffness for conversion and automatic dispensing
- Balanced orientation for superior die cutting

Printability

Rayoface™ VTT has a proprietary paper-like top coating and can be printed by traditional printing methods using a wide variety of different inks. For variable information printing, Rayoface™ VTT can be printed by thermal transfer, dot matrix and also inkjet marking giving smudge proof results. However, exact ink and ribbon systems should be recommended by your supplier.



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	VTT	
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™ VTT

Technical Data Sheet

Conversion

The balanced biaxial orientation of Rayoface™ VTT 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.

Outdoor Durability

Rayoface™ VTT utilises a UV stabilised BOPP core. It is therefore suitable for outdoor applications of up to 2 years.

Reel Specifications

Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
VTT66	153	905	9000
VTT81	153	822	6000
Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
VTT260	6	36.3	29500
VTT320	6	33.0	19700

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

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

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™ VTT 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™ VTT 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 refer to literature reference L190.

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