

UPM Raflatac Technical Information

24-06-2025 EN SI EMEIA

Product	RAFLAMATT 90 WSA-FSC / RP30 / WHITE GLASSINE 85-FSC
Sales Code	BYL/RP30/DTX
EAN	6415788385906
Product use	Product designed for wine and spirits applications. This matt coated paper product is robust and stable for embossing and die-cutting of complex label shapes and the adhesive provides good adhesion to polar surfaces.

Typical technical values

Face	RAFLAMATT WSA 90-FSC		
Product	A matt, off-machine coated, wood-free paper that is wet strength and alkali resistant.		
Substance	90	g/m ²	ISO 536
Caliper	93	µm	ISO 534
Brightness	92	%	ISO 2470/1
Roughness	1,6	µm	ISO 8791 PPS 10
Opacity	89	%	ISO 2471
Gloss	20	%	Hunter 75°
Printability	Suitable for letterpress, flexography, rotogravure, screen, offset and hot-foil printing methods. Thermal transfer is possible with select ribbons.		
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		
Adhesive	RP30		
Type	Permanent adhesive		
Composition	Acrylic, waterborne		
Tack	15	N/25mm	FTM 9
Backing	WHITE GLASSINE 85-FSC		
Product	White glassine woodfree backing paper.		
Substance	78	g/m ²	ISO 536
Caliper	68	µm	ISO 534
Tensile strength MD	7,5	kN/m	ISO 1924
Tensile strength CD	3,2	kN/m	ISO 1924
Transparency	40	%	DIN 53147
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		

Performance

Total caliper	182 µm ± 10%
Minimum labelling temperature	5 °C
Service temperature	-20 °C to 80 °C
Shelf life	From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and 40-50% RH). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Information

Product Information	<p>The high stiffness of the product may result in pre-dispensing, especially if there is a narrow label feed path or if the rollers inside the machine have small diameters. Reels should be wound with the label-side out. This product is not suitable for labeling of small-diameter areas such as the neck of bottles. To ensure optimal adhesion, bottles should be dry and clean during label application. This product can be used in humid conditions and ice buckets with limited performance.</p>
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Additional info Formulation contains natural rubber latex.

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