

UPM Raflatac Technical Information

06-23-2025 EN-US IMP AM

Product	PHARMAGLOSS-FSC RP31 AM 2.2 mil HIGH DENSITY-FSC
Sales Code	PH120E
Description	PHARMAGLOSS-FSC RP31 AM 2.2 mil HIGH DENSITY-FSC

Typical technical values

Face	PHARMAGLOSS-FSC		
Product	Off-machine coated, semi-gloss, lignin-free paper. Multipurpose lightweight label paper. This face paper is made from FSC™-certified (mix credit) pulp.		
Use	Specially developed for pharmaceutical applications, small diameters and curved surfaces. For applications that require labels with high flexibility.		
Substance weight	44	lbs/ream (25"x38")	TAPPI-410
Caliper	2,323	mil	TAPPI-411
Opacity	85	%	ISO 2471
Tensile strength MD	25	lbf/in	TAPPI-494
Brightness	88	%	ISO 2470
Tensile strength CD	13	lbf/in	TAPPI-494
Roughness	1	µm	ISO 8791-4 PPS 10
Gloss	72	%	Hunter 75°
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		

Adhesive **RP31 AM**

Type	Permanent adhesive for pharmaceutical labeling.		
Composition	Tackified emulsion acrylic		
Use	Designed specifically for labeling small diameter pharmaceutical bottles, test tubes and other curved surfaces. Very good resistance to edge lifting when paired with flexible face stocks. In instances where a low leachable adhesive is required, RP31 Purus should be used.		
Tack	19	N	FTM 9
PE-Looptack	10	N	modified FTM 9
Minimum labelling temperature	32	°F	
Service temperature minimum	-4	°F	



Service temperature max	176 °F
Limitations	Stiffness of the face paper and die-cutting direction influences the edge lifting properties. Mandrel wrap performance is heavily influenced by facestock combination, application wipe down, substrate composition and container diameter. For any demanding mandrel applications, testing should be conducted to determine fit for use.
Shelf life	From the date of manufacture, 2 years at 68°F and RH 50%.

Backing 2.2 mil HIGH DENSITY-FSC

Product	White high density liner.		
Use	Specially developed for filmic label material giving the best conversion properties. Good with photocells dispensing systems.		
Substance weight	37 lbs/ream (24"x36")	TAPPI-410	
Caliper	2,09 mil	TAPPI-411	
Tensile strength MD	40 lbf/in	TAPPI-494	
Tensile strength CD	15 lbf/in	TAPPI-494	
Transparency	51 %	ISO 2469	

Performance

Total substance	98 lbs/ream (25"x38")
Total caliper	5.0 mil
Disclaimer	

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

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This publication replaces all previous versions. All information is subject to change without notice.

