

UPM Raflatac Technical Information

20-02-2022 EN SI

Product	LASERMATT HS-FSC / PERM. DIGITAL / KRAFT SPECIAL 90 / SCORE PRINTED
Sales Code	GLY/SPA3/14/W3
Product use	A multipurpose, matt finished product suiting variable information and high quality multicolours labels. Personalized and/or short/medium runs for promotional and product labeling.

Typical technical values

Face	LASERMATT HS-FSC			
Product	A white, matt, off-machine coated, wood free supercalandered label paper.			
Substance	85	g/m²	ISO 536	
Caliper	75	µm	ISO 534	
Strength MD	5	kN/m	ISO 1924/1	
Strength CD	2,4	kN/m	ISO 1924/1	
Brightness	93	%	ISO 2470/1	
Roughness	1,3	µm	ISO 8791	PPS 10
Opacity	88	%	ISO 2471	
Gloss	25	%	Hunter 75°	
Stiffness MD	0,3	mNm	ISO/DP 2493	
Stiffness CD	0,14	mNm	ISO/DP 2493	
Printability	Laser and copier printable: specially developed for medium and high volumes. Flexography, letterpress, offset, rotogravure and screen. Hot foil. Suitable for thermal transfer printing with wax/resin ribbons. Testing recommended.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.			
Adhesive	SPA3			
Type	General permanent adhesive for sheets.			
Composition	Modified acrylic dispersion.			
Use	Designed for Sheets laminates in wide range of end-uses, specially for laser printer applications. Very good adhesion for general use with paper labels. Good heat resistance. Adhesive specially improved with non-bleeding properties on high speed printer lasers, for complete security 4-edges matrix stripping recommended.			
Tack min	10	N	FTM 9	
Shear min	2	h	FTM 8	
Limitations	Should not be used in cold environments. Not recommended for labelling highly curved surfaces.			

Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924

Performance

Total caliper	174 µm
Minimum labelling temperature	5 °C
Service temperature	- 10 to 100 °C
Shelf life	From date of manufacture: 48 months, under FINAT defined storage conditions (+20-25°C and RH 40-50%). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Information

Product Information	Scoring is crucial to ensuring self-adhesive labels are easily peeled away from their backing. Our sheets have folding scores that are spaced at 35 mm intervals, what enables a smooth label opening. Scores open after bending 90–120° Scores don't open if they have not been folded previously.
Product availability	Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	32x45
PACKAGING TYPE	Box 250/100 sh

Approvals

Approvals	For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.
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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.

