

**UPM Raflatac Technical Information**

13-03-2022 EN SI

<b>Product</b>	<b>RAFLAMATT OP NXT+FSC / PERM.GREENTAC + / KRAFT SPECIAL 83-FSC / SCORE PRINTED</b>
Sales Code	GQY/SP34/EJB/W3
Product use	Product designed for matt finish labels with high opacity, for correcting erros and text changes. Recomened for block-out labels where total coverage is required. The RAFNXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

**Typical technical values**

<b>Face</b>	<b>RAFLAMATT OP NXT+FSC</b>		
Product	White matt, off machine-coated, woodfree label paper, with grey reverse side to increase the opacity.		
Substance	84	g/m <sup>2</sup>	ISO 536
Caliper	74	µm	ISO 534
Tensile strength MD	5	kN/m	ISO 1924/1
Tensile strength CD	2	kN/m	ISO 1924/1
Brightness	90	%	ISO 2470/1
Roughness	3	µm	ISO 8791 PPS 10
Opacity	99	%	ISO 2471
Gloss	25	%	Hunter 75°
CIE Whiteness	109	%	ISO 11475
Printability	Flexography, letterpress, offset, hot foil, thermal transfer, dot-matrix, electrophotography.		
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		

<b>Adhesive</b>	<b>SP34 GREENTAC PLUS</b>		
Type	General permanent adhesive for sheets.		
Composition	Modified acrylic dispersion.		
Use	A very good adhesive for general use with paper labels.Good heat resistance. Improved guillotine properties.		
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.		

<b>Backing</b>	<b>KRAFT SPECIAL 83-FSC</b>		
Product	White woodfree kraft backing paper		
Substance	83	g/m <sup>2</sup>	ISO 536
Caliper	84	µm	ISO 534
Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924



Sustainability

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### Performance

Total caliper	174 µm
Minimum labelling temperature	5 °C
Service temperature	- 10 +100 °C
Shelf life	From date of manufacture: 48 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 availability	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.
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### Approvals

Approvals	For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.
Approvals	Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.
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.

