

UPM Raflatac Technical Information

16-08-2021 EN SI

Product **VELLUM NXT+FSC / PERM.GREENTAC + / KRAFT SPECIAL 83-FSC / SCORE PRINTED**

Sales Code GPA/SP34/EJB/W3

Product use Uncoated face paper for commercial and general labeling with very good printing results. The RAFNXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face **VELLUM NXT+FSC**

Product Surface sized wood-free SC paper.

Substance 70 g/m² ISO 536

Caliper 70 µm ISO 534

Tensile strength MD 5.5 kN/m ISO 1924/1

Tensile strength CD 2.5 kN/m ISO 1924/1

Brightness 95 % ISO 2470/1

Roughness 2.7 µm ISO 8791 PPS 10

Opacity 89 % ISO 2471

CIE Whiteness 133 % ISO 11475

Stiffness MD 0.18 mNm ISO/DP 2493

Stiffness CD 0.1 mNm ISO/DP 2493

Printability Offset, flexography, letterpress and dot-matrix.

Sustainability The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.

Adhesive **SP34 GREENTAC PLUS**

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.

Backing **KRAFT SPECIAL 83-FSC**

Product White woodfree kraft backing paper

Substance 83 g/m² 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	170 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 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.

Approvals

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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.

