

Mastertac Technical Information

12-03-2021 EN SI

Product

VELLUM M NXT+FSC / PERMANENT / KRAFT 83-FSC / SOLID PRINTED

Sales Code

HWL/94-A/HWV/W1

Product use

Universal label paper for commercial and general labeling with very good printing results. The Mastertac NXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face

VELLUM M 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

PERMANENT

Type

Permanent

Composition

Waterborne acrylic

Use

A very good adhesive for general use with paper labels. Good heat resistance. Improved guillotine properties.

Tack min

10 N FTM 9

Labelling temperature min

5 °C

Service temperature min

-10 °C

Service temperature max

100 °C

Backing

KRAFT 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



Mastertac®
by UPM Raflatac

Sustainability

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Performance

Total caliper	169 µm
Minimum labelling temperature	5 °C
Service temperature	- 10 °C + 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.

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.
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