

Mastertac Technical Information

12-03-2021 EN SI

Product

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

Sales Code

HWL/95-R/HWW/W1

Product use

Product designed for commercial and general labeling with very good printing results where removability of the label is required. 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

REMOVABLE

Type

Removable

Composition

Waterborne acrylic

Use

A general purpose removable adhesive designed for sheets laminates. Good long-term removability. Good cohesion and adhesion at difficult substrates.

Tack min

3 N FTM 9

Shear min

1 h FTM 8

Labelling temperature min

5 °C

Service temperature max

80 °C

Limitations

Not recommended for labelling PVC or acrylic coated surfaces, long term removability might be restricted.

Backing

KRAFT 83-FSC

Product

White woodfree kraft backing paper

Substance

83 g/m² ISO 536

Caliper

84 µm ISO 534



Mastertac®
by UPM Raflatac

Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.		

Performance

Total caliper	171 µm
Minimum labelling temperature	5 °C
Service temperature	5 °C + 80 °C
Shelf life	From date of manufacture: 24 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.
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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