

Mastertac Technical Information

12-03-2021 EN SI

Product

MATT COATED OP NXT+FSC / PERMANENT / KRAFT 83-FSC / SCORE PRINTED

Sales Code

HWT/94-A/HWV/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 Mastertac NXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face

MATT COATED OP NXT+FSC

Product

White matt, off machine-coated, woodfree label paper, with grey reverse side to increase the opacity.

Substance

84 g/m² 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 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

Limitations

Should not be used in cold environments. Not recommended for labelling highly curved surfaces.

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



Mastertac®
by UPM Raflatac

Tensile strength CD
Sustainability

3,8 kN/m ISO 1924

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Performance

Total caliper
Minimum labelling temperature
Service temperature
Shelf life

173 µm
5 °C
-10 °C +100 °C
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

Approvals

Approvals

Disclaimer

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

Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.

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.

This publication does not constitute any warranty, express or implied, and is intended only for the recipient and cannot therefore be transferred to any third party. We cannot assume any liability for the use of our products in conjunction with other materials.

All our products are sold subject to UPM Raflatac's general sales conditions, and you should ensure that any existing laws are observed.

This publication replaces all previous versions. All information is subject to change without notice.

