

Mastertac Technical Information

12-03-2021 EN SI

Product

HIGH GLOSS NXT+FSC / EXTRA PERMANENT / KRAFT 83-FSC / SOLID PRINTED

Sales Code

HWJ/98-H/HWV/W1

Product use

Product designed for high-quality labels with multicolour printing and a mirror-like, high-gloss finish, that requires strong adhesion. Especially recommended for product labeling. The Mastertac NXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face

HIGH GLOSS NXT+FSC

Product

Cast coated, woodfree paper with mirror-like gloss finish.

Substance

80 g/m² ISO 536

Caliper

78 µm ISO 534

Tensile strength MD

5 kN/m ISO 1924/1

Tensile strength CD

2,9 kN/m ISO 1924/1

Brightness

87 % ISO 2470/1

Roughness

0,7 µm ISO 8791 PPS 10

Opacity

88 % ISO 2471

Gloss

89 % Hunter 75°

Stiffness MD

0,42 mNm ISO/DP 2493

Stiffness CD

0,25 mNm ISO/DP 2493

Printability

Flexography, letterpress, rotogravure, offset, screen and hot foil.

Sustainability

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

Adhesive

98 H

Type

Strong universal permanent for sheets.

Composition

Modified acrylic dispersion.

Tack min

13 N FTM 9

Shear min

2 h FTM 8

Labelling temperature min

5 °C

Service temperature min

-10 °C

Service temperature max

80 °C

Limitations

Due to adhesive nature we are recommending to take special attention when guillotining: lower stack height, more frequent knives cleaning, using of silicone spray to keep blades free from adhesive build-up.

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

Performance

Total caliper	181 µm
Minimum labelling temperature	5 °C
Service temperature	-10 °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.

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

