

## UPM Raflatac Technical Information

25-04-2020 EN SI

### Product

#### **RAFLACOAT PLUS-FSC / PERM.GREENTAC + / KRAFT SPECIAL 90 / SCORE PRINTED**

Sales Code

BUK/SP34/14/W3

Product use

A multipurpose label paper for high-quality multicolour labels where good printing definition and fine detail are required. Especially recommended for product and promotional labeling

### Typical technical values

#### Face

#### **RAFLACOAT PLUS-FSC**

Product

White woodfree machine coated midgloss paper.

Substance

80 g/m<sup>2</sup> ISO 536

Caliper

70 µm ISO 534

Tensile strength MD

5,8 kN/m ISO 1924/1

Tensile strength CD

2,8 kN/m ISO 1924/1

Brightness

90 % ISO 2470/1

Roughness

1 µm ISO 8791

Opacity

89 % ISO 2471

Gloss

64 % Hunter 75°

CIE Whiteness

120 % ISO 11475

Stiffness MD

0,23 mNm ISO/DP 2493

Stiffness CD

0,13 mNm ISO/DP 2493

Printability

Suitable for flexography, letterpress, offset, rotogravure and screen. Hot foil. Suitable for thermal transfer printing with wax/resin ribbons. Testing recommended.

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 labeling highly curved surfaces.

#### Backing

#### **KRAFT SPECIAL 90**

Product

White woodfree kraft backing paper.

Substance

86 g/m<sup>2</sup> ISO 536

Caliper

87 µm ISO 534

Tensile strength MD

8,7 kN/m ISO 1924

Tensile strength CD

3,8 kN/m ISO 1924



The mark of responsible forestry

## Performance

Total caliper	173 µm
Minimum labelling temperature	5 °C
Service temperature	-10 to 100 °C
Shelf life	From date of manufacture: 48 months, under FINAT defined storage conditions (+20-25°C and RH 40-50%). 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.
Product availability	Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	43x61 / 64x45 / 50x70 / 100x70
PACKAGING TYPE	Ream wrapped / Bulk

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

