

## UPM Raflatac Technical Information

25-04-2020 EN SI

**Product** **RAFLACOAT PLUS-FSC / EXTRA PERMANENT / KRAFT SPECIAL 90 / SOLID PRINTED**

Sales Code BUK/SP3H/14/W1

Product use A multipurpose label paper for high-quality multicolour labels where good printing definition, fine detail and strong adhesion 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** **SP3H**

Type Strong universal permanent for sheets.

Composition Modified acrylic dispersion.

Use Particularly suitable for applications where very high initial adhesion to rough surfaces is required. Very good resistance to edge-lifting (=flagging). Also recommended for use on curved surfaces and corrugated cardboard. Good heat resistance.

Tack 13 N/25mm FTM 9

Shear min 2 h FTM 8

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 SPECIAL 90**

Product White woodfree kraft backing paper.



The mark of responsible forestry

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

### Performance

Total caliper	177 µm
Minimum labelling temperature	5 °C
Service temperature	-10 to 80 °C
Shelf life	From date of manufacture: 24 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 availability Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	50x70
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.

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