

## UPM Raflatac Technical Information

25-04-2020 EN SI

<b>Product</b>	<b>RAFLACOAT PLUS-FSC / TEXTILE / KRAFT SPECIAL 90 / SOLID PRINTED</b>
Sales Code	BUK/SP38/14/W1
Product use	A multipurpose label paper for high-quality multicolour labels where good printing definition, fine detail and good, clean adhesion to textile surfaces are required. Especially recommended for textile labels.

### Typical technical values

<b>Face</b>	<b>RAFLACOAT PLUS-FSC</b>		
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.		
<b>Adhesive</b>	<b>SP38</b>		
Type	Permanent adhesive.		
Composition	Acrylic dispersion.		
Use	For textile labeling. Adheres well to textile surfaces but is still removable.		
Tack min	6	N	FTM 9
Shear min	8	h	FTM 8
Limitations	Not suitable for labeling silk, leather or suede. Applications where label is exposed to UV-radiation are not recommended.		
<b>Backing</b>	<b>KRAFT SPECIAL 90</b>		
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

## Performance

Total caliper	176 µm
Minimum labelling temperature	10 °C
Service temperature	-20 to 60 °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 Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.

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