

## UPM Raflatac Technical Information

24-04-2020 EN SI

<b>Product</b>	<b>CASTGLOSS-FSC / PERM.GREENTAC + / KRAFT SPECIAL 90 / SCORE PRINTED</b>
Sales Code	CFW/SP34/14/W3
Product use	Product designed for high-quality labels with multicolour printing and a mirror-like, high-gloss finish. Especially recommended for product and promotional labeling.

### Typical technical values

<b>Face</b>	<b>CASTGLOSS-FSC</b>
Product	Cast coated, woodfree paper with mirror-like gloss finish.
Substance	80 g/m <sup>2</sup> 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
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.
<b>Adhesive</b>	<b>SP34 GREENTAC PLUS</b>
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.
<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



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## Performance

Total caliper	181 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)	64x45 / 50x70 / 100x70
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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Disclaimer	<p>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.</p>
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