

UPM Raflatac Technical Information

24-04-2020 EN SI

Product	CLASSIC LASER HS-FSC / PERM. DIGITAL / KRAFT SPECIAL 90 / SCORE PRINTED
Sales Code	GDA/SPA3/14/W3
Product use	Product designed for labels that accentuate aesthetics and a sophisticated style. Suitable for stylish wine and beverage labeling and general promotional use. Personalized and/or short/medium runs for promotional and product labeling.

Typical technical values

Face	CLASSIC LASER HS-FSC
Product	A white, wood-free, narrow ribbed, machine finished, wet –strength paper that is alkali resistant and mould proof.
Substance	90 g/m ² ISO 536
Caliper	130 µm ISO 534
Tensile strength MD	2,9 kN/m ISO 1924/1
Roughness	850 mL/min ISO 2494/1
Opacity	90 % ISO 2471
Stiffness MD	0,53 mNm ISO/DP 2493
Stiffness CD	0,35 mNm ISO/DP 2493
Printability	Suitable for laser, flexography, offset, letterpress and screen printing methods.
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.
Additional info sheets	Print coverage can affect wash-off times, especially when UV varnish is used. The high stiffness of this product may result in premature dispensing, especially if the label feed is constricted or if the bars inside the machine have small diameters. Reels should be wound with the face-side out. This paper is unsuitable for labelling bottlenecks or other small-diameter products. Testing is recommended with printed labels for the intended application.
Adhesive	PERM.DIGITAL
Type	Permanent
Composition	Waterborne acrylic
Tack min	10 N FTM 9
Shear min	2 h FTM 8
Backing	KRAFT SPECIAL 90
Product	White woodfree kraft backing paper.
Substance	86 g/m ² 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	229 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.
Limitations	Should not be used in cold environments. Not recommended for labeling highly curved surfaces. Not recommended for ice-bucket or fridge applications.
Product availability	Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	32x45
PACKAGING TYPE	Box 100/250 sh

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

