

UPM Raflatac Technical Information

19-02-2022 EN SI

Product	Thermal Eco BPAFREE NXT+FSC / RH9L / Honey Glassine 45-FSC
Sales Code	GGG/RH9L/FUY
EAN	6415788303016
Product use	Product designed for general purpose non topcoated direct thermal labels for transport and logistics applications. Both face paper and next generation liner are FSC certified. RAFNXT+ products combine a unique formula of sustainability credentials together with productivity benefits that will contribute to the profitability of your business.

Typical technical values

Face	THERMAL ECO BPA FREE NXT+FSC
Product	A non top-coated paper with s standard sensitivity thermal coating produced totally without BPA-based chemistry. This face paper is made from FSC™-certified (mix credit) pulp.
Substance	63 g/m ² ISO 536
Caliper	66 µm ISO 534
Tensile strength MD	3,7 N/mm ² ISO 1924-2
Tensile strength CD	2 N/mm ² ISO 1924-2
Brightness	86 % ISO 2470 min
Roughness	2 µm ISO 8791-4 PPS 10
Imaging colour	Black
Scanning	Red light (wavelength up to 650 nm).
DT printing speed	Direct thermal printing speed up to 200 mm/s.
Printability	Direct thermal. Water-based flexography.
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.
Adhesive	RH9L
Type	Permanent
Composition	Hotmelt
Tack	23 N/25mm FTM 9
Backing	HONEY GLASSINE 45-FSC
Product	Yellow transparent glassine backing paper.
Substance	48 g/m ² ISO 536
Caliper	44 µm ISO 534
Tensile strength MD	4,5 kN/m ISO 1924
Tensile strength CD	1,8 kN/m ISO 1924
Transparency	57 % DIN 53147
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.



Performance

Total caliper	125 µm
Minimum labelling temperature	+ 10 °C
Service temperature	- 20 °C to + 50 °C
Shelf life	From date of manufacture: 12 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	Designed for general purpose product for transport and logistics applications with very good adhesion in ambient temperatures. For demanding labeling applications such as various types of cardboards or uneven surfaces in warehousing and dispatch environments. Not suitable for labelling plasticized PVC and the product has limited resistance in wet conditions.
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Approvals

Approvals	For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.
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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