

UPM Raflatac Technical Information

22-08-2019 EN SI

Product	THERMAL ECO BPA FREE NXT+FSC / RP51 / HONEY GLASSINE 45-FSC
Sales Code	GGG/RP5X/FUY
EAN	6415788310830
Product use	Product designed for general purpose non topcoated direct thermal labels for logistics and retail applications. Both face paper and next generation liner are FSC certified. RAFLNXT+ 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 a 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	4	N/mm ²	ISO 1924-2	
Tensile strength CD	2	N/mm ²	ISO 1924-2	
Brightness	86	%	ISO 2470	min
Roughness	2.0	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	Products named as FSC are registered to SGSCH-COC-004879 FSC™ mix credit.			
Adhesive	RP51			
Type	General purpose permanent adhesive.			
Composition	Acrylic, water borne.			
Tack	18	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	0 °C
Service temperature	- 20 °C to + 80 °C
Shelf life	From date of manufacture: 12 months, under FIAT 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 retail and logistics applications. Adhesive provides good adhesion to non-polar surfaces, films and corrugated board. Good low temperature performance. Not suitable for labelling plasticized PVC and the product has limited resistance in wet conditions. Not recommended for labelling highly curved surfaces.
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Approvals

Approvals	For food labeling applications, please consult your UPM Raflatac contact for the individual Declaration of Conformance (DoC) document of each product component for further compliance information.
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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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