

Mastertac Technical Information

12-03-2021 EN SI

Product	MACH COAT PLUS NXT+FSC / REMOVABLE / KRAFT 83-FSC / SOLID PRINTED
Sales Code	HWK/95-R/HWV/W1
Product use	A multipurpose label paper for high-quality multicolour labels where good printing definition, fine detail and removability of the label are required. Especially recommended for promotional labeling, books and magazine inserts. The Mastertac NXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face	MACH COAT PLUS NXT+FSC			
Product	White woodfree machine coated midgloss paper.			
Substance	80	g/m ²	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	PPS 10
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.			
Adhesive	REMOVABLE			
Type	Removable			
Composition	Waterborne acrylic			
Use	A general purpose removable adhesive designed for sheets laminates. Good long-term removability. Good cohesion and adhesion at difficult substrates.			
Tack min	3	N	FTM 9	
Shear min	1	h	FTM 8	
Labelling temperature min	5	°C		
Service temperature max	80	°C		
Backing	KRAFT 83-FSC			
Product	White woodfree kraft backing paper			
Substance	83	g/m ²	ISO 536	



Mastertac®
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Caliper	84	µm	ISO 534
Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.		

Performance

Total caliper	171 µm
Minimum labelling temperature	5 °C
Service temperature	5 °C + 80 °C
Shelf life	From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and 40-50% RH). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Approvals

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

Approvals Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.

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

