

Mastertac Technical Information

12-03-2021 EN SI

Product	MACH COAT PLUS NXT+FSC / REMOVABLE / KRAFT 83-FSC / SCORE PRINTED
Sales Code	HWK/95-R/HWV/W3
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			
Tack min	3	N	FTM 9	
Shear min	1	h	FTM 8	
Labelling temperature min	5	°C		
Service temperature max	80	°C		
Limitations	Not recommended for labelling PVC or acrylic coated surfaces, long term removability might be restricted.			
Backing	KRAFT 83-FSC			
Product	White woodfree kraft backing paper			
Substance	83	g/m ²	ISO 536	



Mastertac®
by UPM Raflatac

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.

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.
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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.
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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All our products are sold subject to UPM Raflatac's general sales conditions, and you should ensure that any existing laws are observed.

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

