Mastertac Technical Information

23-06-2025 EN SI

Product	**GLOSS COATED NXT+FSC / PERMANENT / KRAFT 83-FSC / SCORE PRINTED**
Sales Code	HWM/94-A/HWV/W3
Product use	Product designed for high-quality labels with multicolour printing and a gloss finish. Especially recommended for product and promotional labeling. The Mastertac NXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face	**GLOSS COATED NXT+FSC**			
Product	Off machine, glossy, coated art paper.			
Substance	80	g/m²	ISO 536	
Caliper	65	µm	ISO 534	
Tensile strength MD	4,8	kN/m	ISO 1924/1	
Tensile strength CD	2,7	kN/m	ISO 1924/1	
Brightness	92	%	ISO 2470/1	
Roughness	0,5	µm	ISO 8791	PPS 10
Opacity	87	%	ISO 2471	
Gloss	90	%	Hunter 75°	
Stiffness MD	0,22	mNm	ISO/DP 2493	
Stiffness CD	0,1	mNm	ISO/DP 2493	
Printability	Letterpress, flexography, offset, rotogravure, screen and hot foil.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.			

Adhesive	**PERMANENT**		
Type	Permanent		
Composition	Waterborne acrylic		
Tack min	10	N	FTM 9
Labelling temperature min	5	°C	
Service temperature min	–10	°C	
Service temperature max	100	°C	
Limitations	Should not be used in cold environments. Not recommended for labelling highly curved surfaces.		

Backing	**KRAFT 83-FSC**

FSC www.fsc.org FSC® C012530 The mark of responsible forestry

Mastertac® by UPM Raflatac

Product	White woodfree kraft backing paper		
Substance	83	g/m²	ISO 536
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 SGSCH-COC-004879.		

Performance

Total caliper	164 µm
Minimum labelling temperature	5 °C
Service temperature	-10 °C +100 °C
Shelf life	From date of manufacture: 48 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.

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. This publication does not constitute any warranty, express or implied, and is intended only for the recipient and cannot therefore be transferred to any third party. We cannot assume any liability for the use of our products in conjunction with other materials. 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.

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