Mastertac Technical Information

23-06-2025 EN SI

Product	**VELLUM M NXT+FSC / EXTRA PERMANENT / KRAFT 83-FSC / SOLID PRINTED**
Sales Code	HWL/98-H/HWV/W1
Product use	Product designed for commercial and general labelling with very good printing results where strong adhesion is requried. The Mastertac NXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

Typical technical values

Face	**VELLUM M NXT+FSC**			
Product	Surface sized wood-free SC paper.			
Substance	70	g/m²	ISO 536	
Caliper	70	µm	ISO 534	
Tensile strength MD	5,5	kN/m	ISO 1924/1	
Tensile strength CD	2,5	kN/m	ISO 1924/1	
Brightness	95	%	ISO 2470/1	
Roughness	2,7	µm	ISO 8791	PPS 10
Opacity	89	%	ISO 2471	
CIE Whiteness	133	%	ISO 11475	
Stiffness MD	0,18	mNm	ISO/DP 2493	
Stiffness CD	0,1	mNm	ISO/DP 2493	
Printability	Offset, flexography, letterpress and dot-matrix.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.			

Adhesive	**98 H**		
Type	Strong universal permanent for sheets.		
Composition	Modified acrylic dispersion.		
Use	For applications where very high initial adhesion to rough surfaces is required. Very good resistance to edge-lifting (=flagging). Recommended for curved surfaces and corrugated cardboard. Good heat resistance.		
Tack min	13	N	FTM 9
Shear min	2	h	FTM 8
Labelling temperature min	5	°C	
Service temperature min	−10	°C	
Service temperature max	80	°C	

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Backing	**KRAFT 83-FSC**		
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	173 µm
Minimum labelling temperature	5 °C
Service temperature	-10 °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. 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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