

## Mastertac Technical Information

12-03-2021 EN SI

<b>Product</b>	<b>VELLUM M NXT+FSC / EXTRA PERMANENT / KRAFT 83-FSC / SOLID PRINTED</b>
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 required. The Mastertac NXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials.

### Typical technical values

<b>Face</b>	<b>VELLUM M NXT+FSC</b>			
Product	Surface sized wood-free SC paper.			
Substance	70	g/m <sup>2</sup>	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 SGSCHCOC-004879.			
<b>Adhesive</b>	<b>98 H</b>			
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		
<b>Backing</b>	<b>KRAFT 83-FSC</b>			
Product	White woodfree kraft backing paper			
Substance	83	g/m <sup>2</sup>	ISO 536	
Caliper	84	µm	ISO 534	



**Master**tac®  
by UPM Raflatac

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	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.
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