

## Mastertac Technical Information

12-03-2021 EN SI

### Product

### GLOSS COATED NXT+FSC / PERMANENT / KRAFT 83-FSC / SCORE PRINTED

Sales Code

HWM/94-A/HWW/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/m <sup>2</sup>	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 SGSCHCOC-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

Product	White woodfree kraft backing paper		
Substance	83	g/m <sup>2</sup>	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

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## 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

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

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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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