

Mastertac Technical Information

12-03-2021 EN SI

Product

HIGH GLOSS NXT+FSC / PERMANENT / KRAFT 83-FSC / SOLID PRINTED

Sales Code

HWJ/94-A/HWW/W1

Product use

Product designed for high-quality labels with multicolour printing and a mirror-like high-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

HIGH GLOSS NXT+FSC

Product	Cast coated, woodfree paper with mirror-like gloss finish.		
Substance	80	g/m ²	ISO 536
Caliper	78	µm	ISO 534
Tensile strength MD	5	kN/m	ISO 1924/1
Tensile strength CD	2,9	kN/m	ISO 1924/1
Brightness	87	%	ISO 2470/1
Roughness	0,7	µm	ISO 8791 PPS 10
Opacity	88	%	ISO 2471
Gloss	89	%	Hunter 75°
Stiffness MD	0,42	mNm	ISO/DP 2493
Stiffness CD	0,25	mNm	ISO/DP 2493
Printability	Flexography, letterpress, rotogravure, offset, 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 ²	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 SGSCHCOC-004879.

Performance

Total caliper	177 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.

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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