

Mastertac Technical Information

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Product	BOARD 180-FSC / EXTRA PERMANENT / KRAFT 90 / SOLID UNPRINTED
Sales Code	FHR/98-H/39/WO
Product use	Product designed for labels where very high stiffness is required. Especially recommended for premium promotional labels, point of sale displays and big size wall decoration labels requiring easy hand application.

Typical technical values

Face	BOARD 180-FSC
Product	Coated, wood-free, mid-gloss board
Substance	180 g/m ² ISO 536
Caliper	182 µm ISO 534
Brightness	100 % ISO 2470
Roughness	1,8 µm ISO 8791-4
Opacity	98 % ISO 2471
Gloss	35 % Hunter 75°
Printability	Offset, gravure, flexo, digi printable with xeikon.
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-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
Limitations	Due to adhesive nature we are recommending to take special attention when guillotining: lower stack height, more frequent knives cleaning, using of silicone spray to keep blades free from adhesive build-up.
Backing	KRAFT 90
Product	White woodfree kraft backing paper.
Substance	86 g/m ² ISO 536
Caliper	87 µm ISO 534
Tensile strength MD	6,5 kN/m ISO 1924
Tensile strength CD	3 kN/m ISO 1924
Performance	
Total caliper	288 µm

Minimum labelling temperature	5 °C
Service temperature	- 10 to 80 °C
Shelf life	From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and RH 40-50%). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Information

Product availability Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	50x70 / 100x70
PACKAGING TYPE	Ream wrapped / Bulk

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	<p>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.</p> <p>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.</p> <p>All our products are sold subject to UPM Raflatac’s general sales conditions, and you should ensure that any existing laws are observed.</p> <p>This publication replaces all previous versions. All information is subject to change without notice.</p>