

UPM Raflatac Technical Information

25-04-2020 EN SI

Product

COATED BOARD 180-FSC / EXTRA PERMANENT / KRAFT SPECIAL 90 / SOLID UNPRINTED

Sales Code

FHP/SP3H/14/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

COATED 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

SP3H

Type	Strong universal permanent for sheets.		
Composition	Modified acrylic dispersion.		
Use	Particularly suitable for applications where very high initial adhesion to rough surfaces is required. Very good resistance to edge-lifting (=flagging). Also recommended for use on curved surfaces and corrugated cardboard. Good heat resistance.		
Tack	13	N/25mm	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 SPECIAL 90

Product	White woodfree kraft backing paper.		
Substance	86	g/m ²	ISO 536
Caliper	87	µm	ISO 534
Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924

Performance

Total caliper	289 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	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.



UPM Raflatac Informazioni tecniche

13-03-2022 IT SI

Prodotto

RAFLACOAT PLUS-FSC / PERM.GREENTAC + / KRAFT SPECIAL 90 / SCORE PRINTED

Codice di vendita

BUK/SP34/14/W3

Prodotto

Carta multifunzionale per etichette multicolore di alta qualità che richiedono una buona definizione di stampa e attenzione per il dettaglio. Etichettatura di prodotti e promozionale.

Valori tecnici standard

Frontale

RAFLACOAT PLUS-FSC

Prodotto	Carta patinata semilucida di pura cellulosa.		
Grammatura	80	g/m ²	ISO 536
Spessore	70	µm	ISO 534
Resistenza alla trazione SM	5,8	kN/m	ISO 1924/1
Resistenza alla trazione ST	2,8	kN/m	ISO 1924/1
Grado di bianco	90	%	ISO 2470/1
Ruvido	1	µm	ISO 8791 PPS 10
Opacità	89	%	ISO 2471
Lucido	64	%	Hunter 75°
Punto di bianco	120	%	ISO 11475
Rigidità SM	0,23	mNm	ISO/DP 2493
Rigidità ST	0,13	mNm	ISO/DP 2493
Stampabilità	Adatto per flexografia, tipografia, offset, rotocalco e serigrafia. Oro a caldo. Indicato per trasferimento termico con nastri cera/resina. Sono raccomandati dei test preliminari.		
Sostenibilità	Il prodotto viene venduto come credito misto FSC certificato a norma FSC™ SGSCH-COC-004879 di UPM Raflatac.		

Adesivo

SP34 GREENTAC PLUS

Tipo	Permanente universale per fogli.		
Composizione	Dispersione acrilica modificata.		
Uso	Ottimo adesivo per uso generale con frontali in carta. Buona resistenza al calore. Migliorate proprietà di taglio.		
Adesione iniziale min	10	N	FTM 9
Coesione min	2	h	FTM 8
Limitazioni	Non raccomandato in ambienti freddi e per l'etichettatura di superfici particolarmente curve.		

Supporto

KRAFT SPECIAL 90

Prodotto	Supporto bianco in carta kraft di pura cellulosa.		
Grammatura	86	g/m ²	ISO 536
Spessore	87	µm	ISO 534
Resistenza alla trazione SM	8,7	kN/m	ISO 1924



Resistenza alla trazione ST

3,8

kN/m

ISO 1924

Performance

Spessore totale

173 µm

Temperatura di etichettatura minima

5 °C

Temperatura di servizio

- 10 °C - 100 °C

Durata

Dalla data di produzione: 48 mesi in condizioni di stoccaggio definiti da FINAT (20-25°C e umidità relativa 40-50%). Uno stoccaggio prolungato ad una temperatura più alta e/o più alto livello di umidità può abbreviare la durata.

Information

Informazioni sui prodotti

El corte es crucial para garantizar que las etiquetas autoadhesivas se despeguen fácilmente de su soporte. Nuestras hojas tienen cortes plegables cada 35mm, lo que permite una apertura suave de la etiqueta. Los cortes se abren después de plegarlos 90-120°. Los cortes no se abren si no se han plegado previamente.

Certificazioni

Certificazioni

Per ulteriori informazioni sulla conformità relativa alle applicazioni di etichettatura di prodotti alimentari, contattare il rappresentante di vendita locale per il documento di Dichiarazione di conformità (DoC).

Certificazioni

Etichettatura dei giocattoli (Toy Labelling): Questo prodotto è conforme alla regola Europea EN71-3:2013 Europea "Safety of Toys"- Migrazioni di alcuni elementi.

Dichiarazione di non responsabilità

I nostri consigli si basano sulle nostre conoscenze ed esperienze più attuali. Poiché i prodotti sono utilizzati al di fuori del nostro controllo, non ci assumiamo alcuna responsabilità per qualsiasi danno causato dal loro uso. La responsabilità che il prodotto sia idoneo per l'applicazione prevista è a totale carico degli utilizzatori ed è a loro esclusiva discrezione. Gli utilizzatori sono tenuti a rispettare le normative vigenti e/o i requisiti di test del prodotto finito e sono responsabili della loro commercializzazione.

La presente pubblicazione non costituisce alcuna garanzia, espressa o implicita, ed è destinata esclusivamente al destinatario; pertanto, non può essere ceduta a terzi. Non possiamo assumerci alcuna responsabilità per l'uso dei nostri prodotti combinati con altri materiali.

Tutti i nostri prodotti sono venduti alle condizioni generali di vendita di UPM Raflatac e gli utilizzatori sono tenuti ad assicurarsi che le leggi esistenti vengano osservate.

La presente pubblicazione sostituisce tutte le precedenti. Tutte le informazioni sono soggette a modifica senza preavviso.



UPM Raflatac Technical Information

12-03-2022 EN SI

Product	RAFLACOAT PLUS-FSC / DEEP FREEZE / KRAFT SPECIAL 90 / SCORE PRINTED
Sales Code	BUK/SP48/14/W3
Product use	A multipurpose label paper for high-quality multicolour labels where good printing definition, fine detail and good adhesion at chill or freezer conditions are required. Especially recommended for product labeling.

Typical technical values

Face	RAFLACOAT PLUS-FSC			
Product	White woodfree machine coated midgloss paper.			
Substance	80	g/m ²	ISO 536	
Caliper	70	µm	ISO 534	
Tensile strength MD	5,8	kN/m	ISO 1924/1	
Tensile strength CD	2,8	kN/m	ISO 1924/1	
Brightness	90	%	ISO 2470/1	
Roughness	1	µm	ISO 8791	PPS 10
Opacity	89	%	ISO 2471	
Gloss	64	%	Hunter 75°	
CIE Whiteness	120	%	ISO 11475	
Stiffness MD	0,23	mNm	ISO/DP 2493	
Stiffness CD	0,13	mNm	ISO/DP 2493	
Printability	Suitable for flexography, letterpress, offset, rotogravure and screen. Hot foil. Suitable for thermal transfer printing with wax/resin ribbons. Testing recommended.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.			
Adhesive	SP48			
Type	Deep-freeze permanent adhesive.			
Composition	Acrylic, waterborne.			
Use	Good adhesion at low temperatures.			
Tack min	4	N	FTM 9	
Shear min	8	h	FTM 8	
Limitations	Limited heat resistance. Adhesive residues during guillotining may occur, higher risk of residues than with standard adhesives (permanent). Not suitable for labeling curved surfaces. Limited adhesion to moist surfaces.			
Backing	KRAFT SPECIAL 90			
Product	White woodfree kraft backing paper.			
Substance	86	g/m ²	ISO 536	
Caliper	87	µm	ISO 534	

Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924

Performance

Total caliper	173 µm
Minimum labelling temperature	-5 °C
Service temperature	-40 to 60 °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 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.
Product availability	Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	50x70
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.
-----------	---

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.



UPM Raflatac Technical Information

12-03-2022 EN SI

Product	RAFLACOAT PLUS-FSC / EXTRA PERMANENT / KRAFT SPECIAL 90 / SCORE PRINTED
Sales Code	BUK/SP3H/14/W3
Product use	A multipurpose label paper for high-quality multicolour labels where good printing definition, fine detail and strong adhesion are required. Especially recommended for product and promotional labeling.

Typical technical values

Face	RAFLACOAT PLUS-FSC			
Product	White woodfree machine coated midgloss paper.			
Substance	80	g/m ²	ISO 536	
Caliper	70	µm	ISO 534	
Tensile strength MD	5,8	kN/m	ISO 1924/1	
Tensile strength CD	2,8	kN/m	ISO 1924/1	
Brightness	90	%	ISO 2470/1	
Roughness	1	µm	ISO 8791	PPS 10
Opacity	89	%	ISO 2471	
Gloss	64	%	Hunter 75°	
CIE Whiteness	120	%	ISO 11475	
Stiffness MD	0,23	mNm	ISO/DP 2493	
Stiffness CD	0,13	mNm	ISO/DP 2493	
Printability	Suitable for flexography, letterpress, offset, rotogravure and screen. Hot foil. Suitable for thermal transfer printing with wax/resin ribbons. Testing recommended.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.			
Adhesive	SP3H			
Type	Strong universal permanent for sheets.			
Composition	Modified acrylic dispersion.			
Use	Particularly suitable for applications where very high initial adhesion to rough surfaces is required. Very good resistance to edge-lifting (=flagging). Also recommended for use on curved surfaces and corrugated cardboard. Good heat resistance.			
Tack	13	N/25mm	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 SPECIAL 90			
Product	White woodfree kraft backing paper.			

Substance	86	g/m ²	ISO 536
Caliper	87	µm	ISO 534
Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924

Performance

Total caliper	177 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 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.
Product availability	Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	50x70
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	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.

