

TECHNICAL INFO

UPM
UPM RAFLATAC PRODUCTS
TECHNICAL INFORMATION

28.09.2007 ENG 450

SELF- ADHESIVE ROLLS
FACE **THERMAL ECO 300**
THERMAL X7 (sales code)

Product Non top coated, chemi-thermal paper with high print resolution properties. Very limited resistance to thermal image scratching or smudging.

Use Information labelling in dry environments such as price marking and other short life retail and logistics end-uses. Avoid contact with plasticisers (PVC), moisture ,oil and fats.

Typical technical values

Substance	72	g/m ²	ISO 536	
Caliper	79	µm	ISO 534	
Tensile strength MD	4,7	kN/m	ISO 1924/1	
Tensile strength CD	2,3	kN/m	ISO 1924/1	
Smoothness	450	Bekk sec	ISO 5627	min
Brightness	90	%	ISO 2470/3	norm
Opacity	90	%	ISO 2471	
Density	1,28			min
Imaging colour	Black			
Scanning	Visible red light			
Width	1000 mm, 2000 mm			
Printability	Flexography water based, UV-letterpress, screen, no UV varnishing. Thermal direct.			
Additional info	Brightness: min 78 % (ISO 2470). For all printers up to 300mm/sec.			
Storage recommendations	Store at a constant temperature (20°C, RH 50%) in the dark. Damp or hot conditions should be avoided.			
Shelf life	A) Dispersion adhesives (except RR21, RR22, RP45, RP48, RP40). The laminate is guaranteed for two years if stored in the above conditions.			
	B) RR21, RR22, RP40 and RH adhesives. The laminate is guaranteed for one year if stored in the above conditions.			
	C) Printed labels are guaranteed for one year if stored in the above conditions. Face paper has a slight tendency to discolour, but this does not affect the scannability of the barcodes.			
	D) With RP48 guaranteed for 6 months.			
	E) RP45 not recommended			

[UPM Raflatac Europe](#) > [Labelstock Products](#) > [Roll Products](#) > [Technical Info](#)

TECHNICAL INFO



07.12.2007 ENG 510

ADHESIVE **RP 51**
PERMANENT RP5X (sales code)

Type General purpose strong permanent.
Composition Acrylic, water borne.
Use Good adhesion to all normal substrates, including non-polar surfaces, films, and corrugated board. Good low temperature performance.

Typical technical values

Tack min	14	N	FTM 9
Shear min	1,0	h	FTM 8
PE-looptack min	10	N	modified FTM 9
Labelling temperature min	0	°C	
Service temperature min	-20	°C	
Service temperature max	80	°C	
Limitations	Not recommended for labelling highly curved surfaces.		
Additional info	Approval: The research centre ISEGA has given the adhesive approval for direct contact with dry and moist non-fatty foods.		
Shelf life	From the date of manufacture 4 years in +20°C and R H 50%.		

UPM RAFLATAC

Warranty

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.

This publication replaces all previous versions. All information is subject to change without notice.



[Previous page](#)

[UPM Raflatac Europe](#) > [Labelstock Products](#) > [Roll Products](#) > [Technical Info](#)

TECHNICAL INFO



UPM UPM RAFLATAC PRODUCTS TECHNICAL INFORMATION

01.06.2007 ENG 601

SELF ADHESIVE ROLLS
BACKING **HONEY GLASSINE 65**
GLASSINE 03 (sales code)

Product Yellow transparent glassine backing paper.
Use Backing paper for all reelstock applications; suitable for automatic dispensing.

Typical technical values

Substance	60	g/m ²	ISO 536
Caliper	53	microns	ISO 534
Tensile strength MD	6,3	kN/m	ISO 1924
Tensile strength CD	2,4	kN/m	ISO 1924
Transparency	50	%	DIN 53147
Width	1000 mm, 1320 mm, 2000 mm		

UPM RAFLATAC

Warranty

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.

This publication replaces all previous versions. All information is subject to change without notice.



[Previous page](#)

Copyright © 2003-2008 UPM Raflatac. All Rights Reserved.