

**FCC Label:**

The FCC label will be approximately 58 x 25mm and will be affixed to the unit as shown below. Additional FCC text will be placed in the User manual. Details on the material and adhesive are included in the information pack. The label is designed to last for the product lifetime.



**FCC LABEL Details:**



# UPM Raflatac Technical Information

01.10.2009 ENG 166

<b>ADHESIVE</b>	RP 37
<b>Permanent</b>	RP37 (sales code)
<b>Type</b>	Clear permanent adhesive.
<b>Composition</b>	Acrylic, water borne.
<b>Use</b>	Specially designed for filmic face materials. Excellent clarity, UV-stability and good water resistance once labelled. Good adhesion properties and heat resistance.

## Typical technical values

<b>Tack min</b>	9	N	FTM 9
<b>Shear min</b>	10.0	h	FTM 8
<b>PE-loop tack min</b>	5	N	modified FTM 9
<b>Labelling temperature min</b>	5	°C	
<b>Service temperature min</b>	-20	°C	
<b>Service temperature max</b>	100	°C	
<b>Limitations</b>	Limited adhesion at low temperatures. The highest end-use temperature must be separately checked together with the face material.		
<b>Approvals</b>	The research centre ISEGA has given the adhesive approval for direct contact with dry and moist and such kind of fatty foods which have a reduction factor of at least 4 according to the EC directive 85/372/EEC.		
<b>Shelf life</b>	From the date of manufacture 2 years in +20°C and RH 50%.		
<b>Warranty</b>	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.



[www.upmraflatac.com](http://www.upmraflatac.com)

## Label Adhesive

## UPM Raflatac Technical Information

16.07.2009 ENG 400

<b>SELF-ADHESIVE</b>	<b>ROLLS</b>
<b>FACE</b>	PE MATT WHITE TC 100
<b>PE</b>	RK (sales code)
<b>Product</b>	White, matt, top coated polyethylene film.
<b>Use</b>	For product labelling in applications where resistance against water, oil and chemicals is important. E.g. labelling toiletries, cosmetics and other squeezable packages. Suitable for thermal transfer overprinted information labels.

### Typical technical values

<b>Substance</b>	94	g/m <sup>2</sup>	DIN 53352
<b>Caliper</b>	95	µm	DIN 53370
<b>Tensile strength MD</b>	18.0	N/mm <sup>2</sup>	DIN 53455
<b>Tensile strength CD</b>	16.0	N/mm <sup>2</sup>	DIN 53455
<b>Opacity</b>	80	%	DIN 53146/1
<b>Gloss</b>	7	%	DIN 67530/1 60°
<b>Printability</b>	Flexography, screen, letterpress and offset. Special inks designed for non-absorbent materials should be used. Thermal transfer with selected ribbons.		
<b>Advantages</b>	Squeezability. Good dimensional stability. Good strength at low temperatures. Excellent UV-stability.		
<b>Warranty</b>	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.



[www.upmraflatac.com](http://www.upmraflatac.com)

**Label Material**