

FCC Label: location

The FCC label will be approximately 14 x 29mm 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:



Material: 3M Thermal transfer polyester label material 7816
Face stock: Gloss radiant white polyester 2.0 mil (51 micron)
AdhesiveL #310 Acrylic 0.8 mil (20 micron)
Liner: Polyester 1.5 mil (38 micron)

COLOUR: Pantone Black

Note the FCC ID XXXXXXXXXXXX = FCC-ID S6T750

UPM Raflatac Technical Information

01.10.2009 ENG 168

ADHESIVE	RP 37
Permanent	RP37 (sales code)
Type	Clear permanent adhesive.
Composition	Acrylic, water borne.
Use	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			
Tack min	9	N	FTM 9
Shear min	10.0	h	FTM 8
PE-loop tack min	5	N	modified FTM 9
Labelling temperature min	5	°C	
Service temperature min	-20	°C	
Service temperature max	100	°C	
Limitations	Limited adhesion at low temperatures. The highest end-use temperature must be separately checked together with the face material.		
Approvals	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 85/572/EEC.		
Shelf life	From the date of manufacture 2 years in +20°C and RH 50%.		
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.



www.upmraflatac.com

Label Adhesive

UPM Raflatac Technical Information

16.07.2009 ENG 400

SELF-ADHESIVE	ROLLS
FACE	PE MATT WHITE TC 100
PE	RK (sales code)
Product	White, matt, top coated polyethylene film.
Use	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

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

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Label Material