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TECHNICAL INFO FOR ROLL PRODUCTS



UPM UPM RAFLATAC PRODUCTS TECHNICAL INFORMATION

05.05.2008 ENG 415

SELF- ADHESIVE ROLLS
FACE **PET WHITE TC 50**
FILMIC AJ (sales code)

Product White, semiglossy, top coated polyester film.
Use For durable enduse applications where good resistance against water, oil and chemicals is important. E.g. labelling on durable products, drums, PET containers and PET packages.

Typical technical values

Substance	55	g/m ²	DIN 53352
Caliper	50	µm	DIN 53370
Elongation MD	85	%	DIN 53455
Elongation CD	50	%	DIN 53455
Width	1000 mm		
Printability	Flexography, screen, letterpress and offset. Special inks designed for non-absorbent materials should be used. Overprinting by thermal transfer with selected ribbons.		
Advantages	Good dimensional stability. Contains no plasticizers. High tensile strength and stiffness. High tear strength. Very good heat resistance. Conformance to the Restriction of certain hazardous substance (RoHS) Directive 2002/95/EC.		
Shelf life	Manufactured from a minimum of 25% recycled PET resin from post consumer waste (PET bottles) Laminate with RP37, RC18 and RR28 adhesives 2 years if stored at room temperature (+20 °C), RH 50% in original packaging and protected from light.		

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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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07.12.2007 ENG 502

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-looptack 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.

Additional info Approval: 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%.

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