

## UPM Raflatac Technical Information

09.06.2016 AME 1505

<b>Product</b>	<b>2.0 mil PET WHITE TC RC18 2.4 mil HIGH DENSITY</b>		
Sales Code	UL01A		
Description	POLYESTER WHITE RC18 2.4 mil HIGH DENSITY WHITE		
Substance weight	100 lbs./ream (25" x 38")		
Caliper	4.9 mil		
<b>Face</b>	<b>2.0 mil PET WHITE TC</b>		
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.		
Substance weight	lbs/ream		
	37	(25in x 38in)	TAPPI-410
Caliper	2.00	mil	TAPPI-411
Elongation MD	85	%	DIN 53455/1
Elongation CD	50	%	DIN 53455/1
<b>Adhesive</b>	<b>RC18</b>		
Type	Permanent adhesive.		
Composition	Radiation-cured UV acrylic.		
Use	Designed specifically for film face materials for end-uses where very good adhesion with good chemical and temperature resistance is needed.		
Tack	15.0	N	FTM 9
Minimum labelling temperature	41	°F	
Service temperature minimum	14	°F	
Service temperature maximum	248	°F	
Shelf life	From the date of manufacture: 2 years at 68°F and RH 50%.		
<b>Liner</b>	<b>2.4 mil HIGH DENSITY</b>		
Product	White transparent, glassine liner.		
Use	Specially developed for film label materials to offer the best conversion properties.		
Substance weight	lbs/ream		
	44	(24in x 36in)	TAPPI-410
Caliper	2.40	mil	TAPPI-411
Tensile strength MD	48	lbf/in	TAPPI-494
Tensile strength CD	20	lbf/in	TAPPI-494
Opacity	57	%	TAPPI-425
<b>Approvals</b>			
Approvals	REACH compliant. RoHS (Directive 2002/95/EC) compliant.		



UL and CSA compliance

UL recognized acc. to UL969 and  
CSA recognized acc. to C22.2 No. 0.15.  
File-No.: MH26760

UL

File MH26760

Additional conditions:

D - Occasional exposure to Detergents

O - Occasional exposure to Lubricating Oil

F1 - Occasional exposure to Fuel Oil No. 1

F2 - Occasional exposure to Fuel Oil No. 2

Application Surface	Max Temp [°C]	Min Temp [°C]	Indoor Use	Outdoor Use	Additional conditions
Alkyd paint (AK PT)	+80	-40	X	X	D, O, F1, F2
Aluminium (AL)	+80	-40	X	X	D, O, F1, F2
Stainless steel (SS)	+80	-40	X	X	D, O, F1, F2
Polyethylene (PE)	+80	-	X	-	-
Polypropylene (PP)	+80	-	X	-	-
Polystyrene (PS)	+80	-40	X	X	D, O, F2

Disclaimer

The above are typical technical values and are given in good faith based upon our most up to date knowledge and experience. As the products are used outside of our control we cannot take responsibility for any damage which may be caused using the product. Our technical product consulting experts are on standby to provide you with targeted support. Contact a member of our team toll-free at 1-866-294-8412.