

UPM Raflatac Technical Information

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Product	SECURITY WHITE PE / RP 77 / HD 70 WHITE		
Sales Code	6N/RP77/28		
EAN	6415788019924		
Product use	White labelling material that is ideal for security labelling applications: the labels will break by delamination when lifted. Combined with high-quality printing results, this material makes an ideal candidate to secure products and avoid labels and information to be transferred to other goods.		
Face	SECURITY WHITE PE		
Product	Matt-white, clay-coated cavitated polyethylene film.		
Substance	60	g/m ²	DIN 53352
Caliper	109	µm	DIN 53370
Tensile strength MD	37.0	N/mm ²	DIN 53455
Tensile strength CD	30.0	N/mm ²	DIN 53455
Opacity	92	%	DIN 53146/1
Printability	Flexography, screen, letterpress and offset, hot foil stamping and embossing. Thermal transfer with selected ribbons.		
Additional info	Testing is recommended for each face-adhesive combination in each application to ensure that the labels' security features function as required. Labels should be applied to substrates for a minimum of one day for the security features to be effective.		
Adhesive	RP 77		
Type	Permanent adhesive.		
Composition	Acrylic, water borne.		
Use	Specially designed for labelling of HDPE drums and other rough substrates. Used with filmic face materials.		
Tack min	15	N	FTM 9
Shear min	2	h	FTM 8
Service temperature min	-20	°C	
Service temperature max	70	°C	
Limitations	High temperature/humidity during the storage might cause adhesive bleeding from the edges of the rolls. UV resistance of the adhesive is limited. Not recommended for transparent face materials.		
Backing	HD 70 WHITE		
Product	White high transparent glassine backing paper.		
Use	Specially developed for filmic label material giving the best conversion properties. Good with photocells dispensing systems.		
Substance	64	g/m ²	ISO 536
Caliper	56	µm	ISO 534
Tensile strength MD	7.5	kN/m	ISO 1924
Tensile strength CD	2.7	kN/m	ISO 1924
Transparency	51	%	DIN 53147



Performance

Total caliper	186 µm
Service temperature	-20 °C to 70 °C
Shelf life	From the date of manufacture 2 years in +20 °C and RH 50%. Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

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