



UPM Adhesive Materials Technical Information

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Product	PE LASER HS / PERM DIGI FILM / KRAFT SP STABIL 120-FSC / SOLID UNPRINTED
Sales Code	AXN/DP37/IQA/W0
Product use	Designed for information labeling, especially used on drums logistic labeling. Due to the exceptional thickness and stability, large label sizes can be used. Optimized for HP Indigo Industrial media for Indigo digital printing.

Typical technical values

Face	PE LASER HS		
Product	White matt high pigmented computer imprintable polyethylene film.		
Substance	115	g/m ²	DIN 53352
Caliper	178	µm	DIN 53370
Elongation MD	430	%	DIN 53455
Elongation CD	470	%	DIN 53455
Opacity	92	%	DIN 53146/1
Printability	Due to the surface properties, the film is pre-printable by screen, offset, flexography, letterpress, electrophotography, electrography, digital offset and dotmatrix. Thermal transfer with selected ribbons. Inks for filmic substrates are recommended. Laser and copier printable: specially developed for medium and high volumes.		
Adhesive	DP37		
Type	Permanent		
Composition	Waterborne acrylic		
Tack	9	N	FTM 9
Shear	10	h	FTM 8
Backing	KRAFT SP STABIL 120-FSC		
Product	White woodfree kraft backing paper.		
Substance	120	g/m ²	ISO 536
Caliper	112	µm	ISO 534
Tensile strength MD	8	kN/m	ISO 1924
Tensile strength CD	4	kN/m	ISO 1924
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		



Performance

Total caliper	307 $\mu\text{m} \pm 10\%$
Minimum labelling temperature	5 °C
Service temperature	-20 +100 °C
Shelf life	From date of manufacture: 12 months, under FINAT defined storage conditions (+20-25°C and 40-50% RH). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Information

Limitations	Face film is extremely sensitive and extra attention should be paid for converting and printing to avoid damaging the surface. Due to this sensitiveness we are not able to guarantee 100% scratch free surface, minor marks and scratches might appear. Limited adhesion at low temperatures and with corrugated board.
Product Information	Scoring is crucial to ensuring self-adhesive labels are easily peeled away from their backing. Our sheets have folding scores that are spaced at 35 mm intervals, what enables a smooth label opening. Scores open after bending 90–120° Scores don't open if they have not been folded previously.
Product availability	Standard range. (Other sizes and/or components available upon request).
Disclaimer	The performance of the product should always be tested in the actual application conditions. 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. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

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