

Product: Raflatac Laser Silk

UPM RAFLATAC

Category: Small Format Digital - Self Adhesive

Mill: UPM Raflatac

Country of Origin: Poland

Technical specifications:

Digital Compatibility

- Dry toner compatible

SELF-ADHESIVE

FACE

Gloss Coated

Product

Use

SHEETS

LASERSILK HS-FSC

DLD (sales code)

White woodfree machine coated SC midgloss face paper.

Universal label paper for quality multicolour labels requiring high contrast and fine printing detail. Specially developed for medium and high volume laser printers.

Typical technical values

Substance	85	g/m ²	ISO 536	
Caliper	71	µm	ISO 534	
Tensile strength MD	5.6	kN/m	ISO 1924/1	
Tensile strength CD	2.9	kN/m	ISO 1924/1	
Brightness	92	%	ISO 2470/1	
Roughness	0.7	µm	ISO 8791	PPS 10
Opacity	89	%	ISO 2471	
Gloss	78	%	Hunter 75°	
CIE Whiteness	130	%	ISO 11475	
Stiffness MD	0.25	mNm	ISO/DP 2493	
Stiffness CD	0.15	mNm	ISO/DP 2493	

Printability

Laser and copier printable: specially developed for medium and high volumes. Flexography, letterpress, offset, rotogravure and screen. Hot foil. Suitable for thermal transfer printing with wax/resin ribbons. Testing recommended.

Advantages

Stiffness of the paper offers good application characteristics for large labels. Good strength properties enables matrix stripping of difficult shapes.

Sustainability

The product named as FSC is registered to SGSCH-COC-004879 FSC™ Mix credit.

Disclaimer

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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ADHESIVE	SP34 GREENTAC PLUS
Permanent	SP34 (sales code)
Type	General permanent adhesive for sheets.
Composition	Modified acrylic dispersion.
Use	A very good adhesive for general use with paper labels. Good heat resistance. Improved guillotine properties. Recycling properties are optimized based on up- to-date knowledge (Ingede project 5397 PTS).

Typical technical values

Tack min	10	N	FTM 9
Shear min	2	h	FTM 8
Labelling temperature min	5	°C	
Service temperature min	-10	°C	
Service temperature max	100	°C	

Limitations Should not be used in cold environments. Not recommended for labelling highly curved surfaces.

Approvals Please see DoC

Shelf life 4 years at +20°C and RH 50% from the date of manufacture.

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BACKING

Lifecycle

Kraft

Product

Use

SHEETS

KRAFT SPECIAL STABILIZED 120

Experimental

FGX (sales code)

White woodfree kraft backing paper.

Designed for all laser end-uses, specially for high-speed printing and filmic label faces where high stiffness and excellent lay-flat properties is demanded.

Typical technical values

Substance	120	g/m ²	ISO 536
Caliper	112	µm	ISO 534
Tensile strength MD	8.0	kN/m	ISO 1924
Tensile strength CD	4.0	kN/m	ISO 1924

Advantages

High dimensional stability providing superior lay-flatness. Specially developed for SOHO, medium and high volume laser printers

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