

Technical specification sheet

Ball & Doggett

ballanddoggett.com.au

Product: Raflatac PE Laser (Teslin) - White Matt Perm

Category: Small Format Digital - Self Adhesive

Mill: UPM Raflatac

Country of Origin: Poland

Technical specifications:

Applications Include

- Packaging labels
- Address labelling or other information labelling with difficult environmental conditions

SELF-ADHESIVE

FACE

A4 Filmics

Product

Use

SHEETS

PE LASER HS

AXN (sales code)

White matt high pigmented computer imprintable polyethylene film.

Information labelling where overprinting is made by laser, digital offset, dot-matrix or thermal transfer. Recommended for drum and logistics labelling. Specially developed for medium and high volume laser printers.

Typical technical values

Substance	115	g/m ²	DIN 53352
Caliper	178	µm	DIN 53370
Elongation MD	430.0	%	DIN 53455
Elongation CD	470.0	%	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.

Shelf life

Laminate with RP37 adhesive 1 year if stored at room temperature (+20°C, 50% RH) in original packaging and protected from light.

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

Permanent

Type

Composition

Use

DP37

DP37 (sales code)

Permanent adhesive for filmic sheets.

Acrylic dispersion.

Good adhesion properties and heat resistance. Excellent clarity, UV-stability and water resistance. Optimized for digital printing.

Typical technical values

Tack min	6	N	FTM 9
Shear min	7	h	FTM 8
PE-loop tack min	5	N	modified FTM 9
Labelling temperature min	10	°C	
Service temperature min	-10	°C	
Service temperature max	100	°C	

Limitations

Shelf life

Disclaimer

Limited adhesion at low temperatures and with corrugated board.

From the date of manufacture 2 years in +20°C and RH 50%.

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SELF-ADHESIVE

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/m²

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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