Technical Specification for Fanfold

Tear Resistant:

What materials are used to make the badges?

- Face material – Premium matte coated, extra thick, tear resist card,
- Backing Paper – white glassine
- Adhesive – Permanent adhesive, ISEGA approved (Food safe)

Where are the materials sourced?

- TBC

What is the recyclability of the material?

- Limited due to the inkjet chemicals on the face paper, the liner is only recyclable with specialist providers, we are looking to work with a company, not yet in place.

Are there any industry standards associated with the products?

- No

Face Material:

Premium matte coated extra thick, tear resistant inkjet card with excellent ink absorption. Vibrant colour print-out on dye based and pigmented inks.

Parameter	Value	Unit	Standard
Basic Weight	160 ± 10	g/m^2	ISO 536
Thickness	200 ± 10	ɥm	ISO 534
Polyester Layer	23 ± 3	ɥm	
Opacity	96 ± 5	%	ISO 2471
Stiffness md	32 ± 10	mN	ISO 2493
Stiffness cd	14 ± 6	mN	ISO 2493
Smoothness (fs)	> 30	Sec.	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475

Adhesive:

Permanent adhesive with high adhesion. ISEGA Approved.

Property	Value	Unit	Test Method
Service Temperature	-20 to 80	°C	Climate Chamber
Application Temperature	>5	°C	On Glass

Backing Paper:

White glassine liner.

Property	Value	Unit	Standard
Basis Weight	61 ± 6	g/m2	ISO 536
Thickness	54 ± 5	ʮm	ISO 534

Non-Tear Resistant:

What materials are used to make the badges?
- Face material – Premium matte coated, extra thick,
- Backing Paper – white glassine
- Adhesive – Permanent adhesive, ISEGA approved (Food safe)

Where are the materials sourced?
- TBC

What is the recyclability of the material?
- Limited due to the inkjet chemicals on the face paper, the liner is only recyclable with specialist providers, we are looking to work with a company, not yet in place.

Are there any industry standards associated with the products?
- No

Face Material:

Premium matte coated extra thick inkjet card with excellent ink absorption. Vibrant colour print-out on dye based and pigmented inks.

Parameter	Value	Unit	Standard
Basic Weight	160 ± 10	g/m²	ISO 536
Thickness	200 ± 10	µm	ISO 534
Opacity	96 ± 5	%	ISO 2471
Stiffness md	32 ± 10	mN	ISO 2493
Stiffness cd	14 ± 6	mN	ISO 2493
Smoothness (fs)	> 30	Sec.	ISO 5627
CIE Whiteness (fs)	156 ± 6		ISO 11475

Adhesive:
Permanent adhesive with high adhesion. ISEGA Approved.

Property	Value	Unit	Test Method
Service Temperature	-20 to 80	°C	Climate Chamber
Application Temperature	>5	°C	On Glass

Backing paper:
White Glassine liner.

Property	Value	Unit	Standard
Basis Weight	61 ± 6	g/m2	ISO 536
Thickness	54 ± 5	µm	ISO 534

For more information or additional support,
please get in touch.

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