

JAC SHEETS

JAC DIGILABEL FILMS

Description of JAC® Digilabel Films for Indigo Sheets - These products have been specially developed for the use on HP Indigo Digital Printing Systems. The face material guarantees good toner adhesion. A 100% ink transfer from the blanket to the substrate significantly reduces cleaning requirements. The excellent ink bonding avoids damage when scratching. The superb flatness ensures good runnability, smooth passing through the machine and clean kiss-cutting. Make sure the surface is clean, dry and free of oil or grease before applying the label.

	Adhesive	Silicone paper	Measurement / Box Content
Digilabel PE White Matt	PERMANENT	B90	32 x 46 cm/175 sheets per box
Digilabel PP White Gloss	REMOVABLE	B120	32 x 46 cm/200 sheets per box
Digilabel PET Clear Gloss	PERMANENT	B120	32 x 46 cm/250 sheets per box

Print carrier

Average values

Digilabel PE White Matt – single layer PE-Foil, white, matt.

Digilabel PP White Gloss – PP-Foil, white, glossy.

Digilabel PET Clear Gloss – PET-Foil, transparent, glossy.

For print guidance please visit our website under Downloads “5.11 Storage\printing on Digilabel”.

For technical guidance please visit our website under downloads “Guidelines for use – Offset printing”.

	PE White Matt	PP White Gloss	PET Clear Gloss
Weight (g/m²)	115	58	105
Weight total laminate (g/m²)	223	196	243
Thickness (µm)	178	59	75
Thickness total laminate (µm)	280	189	205
Tensile strength ISO 1924/2 (kN/m)	2.3	17	-
Gloss (60°)	-	-	-
Opacity (%)	92	80	-
Shelf life of laminate ¹⁾ (years)	2	2 or 1 (removable)	2

¹⁾ Refers to adhesion and printability when stored in original packaging in dark, dry conditions at a temperature of 22 ± 2°C and a relative humidity of 50% ± 5%.

For information regarding EHS regulation, please visit our website under downloads “Guidelines for Use 5.12 Product Compliance JAC Offset”.

Adhesive

Average values

PERMANENT is a crystal clear, acrylic-based adhesive with ma. UV- and weather resistance. Good initial and final adhesion. Resistant against high temperatures.

REMOVABLE is removable, acrylic adhesive with high UV- and weather resistance. Good initial and final adhesion. When applied to surfaces it reacts with, the label may lose its removability. This includes surfaces with nitrocellulose paints, polystyrene, (fresh) screen printing inks and certain types of PVC.

	PERMANENT	REMOVABLE
Adhesion (N/25 mm) (FTM 1 on st. steel/20 min. bond time)	15.4	7*
Tack (N) (FTM 9 on st. steel)	10.3	6
Recommended minimum application temperature (°C)	+5	- 15
Heat resistance (in °C)	+80	+80
Resistance to cold (°C) ²⁾ down to	- 20	- 20
Ageing stability ³⁾	very good	good

²⁾ Not fully resistant until after adhesion reaches full strength – after at least 24 hrs.

³⁾ If not exposed to direct sunlight. * 1 week bond time.

Silicone paper

Average values

B90 – is a very stable, siliconized special-purpose paper which displays good flatness and die cutting properties.

B120 – is a siliconized, special-purpose lightweight board, which displays high dimensional stability.

	B90	B120
Weight (g/m²)	90	120
Thickness (µm)	90	118

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Guarantee and liability:

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