

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 and are all equipped with safety edges. 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	AL180	B100D	32 x 46 cm/175 sheets per box
Digilabel PP Clear Gloss	C4	G160D	32 x 46 cm/200 sheets per box
Digilabel PP White Gloss	C4	G160D	32 x 46 cm/200 sheets per box
Digilabel PET Clear Gloss	AL180	B145D	32 x 46 cm/250 sheets per box

Print carrier

Average values

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

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

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”.

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

	PE White Matt	PP Clear Gloss	PP White Gloss	PET Clear Gloss
Weight (g/m ²)	115	54	57	105
Weight total laminate (g/m ²)	233	235	239	252
Thickness (µm)	178	58	59	75
Thickness total laminate (µm)	290	260	260	225
Tensile strength ISO 1924/2 (kN/m) Gloss (60°)	2.3	20	17	-
Opacity (%)	92	-	80	-
Shelf life of laminate ¹ (years)	2	2	2	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%.

Adhesive

Average values

EXTRA DURO AL180 is a crystal clear, acrylic-based adhesive with ma. UV- and weather resistance. Good initial and final adhesion. Resistant against high temperatures.

NONPERM C4 is removable, transparent 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

	EXTRA DURO AL180	NONPERM C4
Adhesion (N/25 mm) (FTM 2 on st. steel/20 min. bond time)	9	5
Tack (N/25 mm) (FTM 9 on glass)	11	6
Recommended minimum application temperature (°C)	+10	+2
Heat resistance up to 24 hrs (°C)	+80	+90
up to 1 hr (°C)	+110	+100
Resistance to cold (°C) ² down to	- 20	- 40
Ageing stability ³	very good	very good

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

³) If not exposed to direct sunlight.

Silicone paper

Average values

B 100D – is a very stable, siliconized special-purpose paper witch displays good flatness and die cutting properties.

B 145D – is a siliconized, special-purpose lightweight board, which displays high dimensional stability.

G 160D – is a very stable, siliconized, wood-free board, matt on reverse side and PE –coated on both sides. It is dimensionally stable and insensitive to moisture.

	B 110D
Weight (g/m ²)	86
Thickness	87

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