

JAC GRAPHICS DIGILABEL

Product Range Films

Description of JAC Digilabel Products 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.

FACE MATERIAL	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

FACE MATERIAL	AVERAGE VALUES	PE WHITE MATT	PP CLEAR GLOSS	PP WHITE GLOSS	PET CLEAR GLOSS
DIGILABEL PE WHITE MATT	Weight (g/m ²)	115	54	57	105
single layer PE-Foil, white, matt	Weight Total Laminate (g/m ²)	233	235	239	252
DIGILABEL PP CLEAR GLOSS	Thickness (µm)	178	58	59	75
PP-Foil, transparent, glossy	Thickness Total Laminate (µm)	290	260	260	225
DIGILABEL PP WHITE GLOSS	Tensile Strength				
PP-Foil, white, glossy	ISO 1924/2 (kN/m MD)	2.3	20	17	-
DIGILABEL PET CLEAR GLOSS	Gloss (60°)	-	90	-	-
PET-Foil, transparent, glossy	Opacity (%)	92	-	80	-
	Shelf life of laminate* (years)	2	2	2	2

For print guidance please visit our web site under Downloads "5.11 Storage/printing on Digilabel"

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

For information regarding EHS regulation please visit our web site under downloads "Guidelines for Use "5.12 Product Compliance Jac Offset"

ADHESIVE	AVERAGE VALUES (measured on glass)	EXTRA DURO AL180	NONPERM C4
EXTRA DURO AL180	Adhesion (FTM1) after 24h (N/25mm)	9	5
is a crystal clear, acrylic-based adhesive with max. UV- and weather resistance. Good initial and final adhesion. Resistant against high temperatures.	Initial adhesion/tack (FTM9)	11	6
NONPERM C4	Recommended minimum application temperature (°C)	+10	+2
is a 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 inks and certain types of PVC.	Heat resistance		
	up to 24h (°C)	+80	+90
	up to 1h (°C)	+110	+100
	Resistance to cold* (°C)	-20	-40
	Ageing stability**	very good	very good

* Not fully resistant until adhesion reaches full strength-after at least 24hrs

** If not exposed to direct sunlight.

SILICONE PAPER	AVERAGE VALUES	B 100D	B 145D	G 160D
B 100D - is a very stable, siliconized special-purpose paper which displays good flatness and die cutting properties.	Weight (g/m ²)	92	127	161
B 145D - is a siliconized, special-purpose lightweight board, which displays high dimensional stability.	Thickness (µm)	88	118	186
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.				

Guarantee and liability

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