JAC GRAPHICS
JAC ECOPLUS

Print carrier

JAC® ECOPLUS is a series of environmentally friendly[3] phthalate-free[2] polyolefin films for sheet printers. All films display excellent printability thanks to a printer-friendly top coating. Printing tests have produced very good results when

Offset-printed: with both purely oxidative drying and UV-curing inks, and

Screen-printed: with conventional (i.e. solvent-based) and UV-curing inks.

Consult your printing ink manufacturer or supplier about suitable printing inks for your applications. Tests have shown that **JAC® ECOPLUS** performs well in semi-automatic and fully automatic screen and offset printing machines, whereby the laminate displays optimal stability flatness. All **JAC® ECOPLUS** films display good die-cutting properties.

Available articles:
JAC® 60600 – transparent gloss PP film, top coated
JAC® 62600 – white gloss PP film, top coated

Average values

Type No.	60600	62600
Weight (g/m²)	54	58
Thickness (µm)	59	59
Tensile strength		
longitudinal (N/15mm)	200	175
transverse (N/15mm)	180	155
Transparency (%)	90	
Opacity (%)		80
Shelf life of laminate (years) [1]	2	2
Max. outdoor durability (years) [4]	1	1

** Material is recommended for short term outdoor applications

[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% RH.
[3] Environmentally friendly because the manufacture, processing and disposal of the film does not cause any serious environmental pollution. Incineration does not give off any toxic chlorine compounds such as dioxin or furan. Polyolefins are inert plastics, i.e. they do not readily react with other materials and can therefore be safely deposited as waste.
[4] Under normal climatic conditions as prevailing in Central Europe.

For additional information regarding EHS regulations[2] and technical guidance please visit our website under downloads "Guidelines for Use"– Screen Printing

Adhesive

DURO D500 is a dispersion-based permanent acrylic adhesive that has been specially developed for polyolefin films.

NONPERM C3 is a removable, dispersion-based acrylic adhesive specially developed for use with polyolefin films.
This transparent adhesive is distinguished by extreme heat and cold resistance coupled with high UV stability. It can be removed from most surfaces without leaving any residues.

Note!
JAC® ECOPLUS is recommended only for dry application.

Average values

	Duro D500	Nonperm C3
Adhesion (N/25mm) (FTM 1 on steel after 24h)	10	2.5
Tack (N/25mm) (FTM 9 on glass)	8	4
Recommended minimum application temperature (°C) [1]	> +5	> +5
Heat resistance [1][2]		
up to 24h (°C)	+80	+80
up to 1h (°C)	+110	+110
Resistance to cold (°C) [1] down to	-40	-40

[1] Not fully resistant until after adhesion reaches full strength – after at least 24 hrs.
[2] Heat resistance refers only to adhesive applied on steel. Quality of front material can be affected when exposed to higher temperatures.

Silicone paper

B 145 is a siliconized, special-purpose lightweight board, wood-free, matt on reverse side, moisture-stabilized through specially impregnated fibres and special coating, hence its excellent flatness.

B 145 SPLIT is as above, but with scored lines running in machine direction serving as a peel-off aid.

Average values

	B 145
Basis weight (g/m²)	135
Caliper (µm)	127

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