

### Print carrier

**JAC ECOPLUS** is a series of environmentally friendly<sup>3)</sup> phthalate-free<sup>2)</sup> 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 glossy PP film, top coated  
**JAC 62600** – white glossy PP film, top coated  
**JAC 62601** – white matt PP film, top coated

### Average values

Type No.	60600	62600	62601
Weight (g/m <sup>2</sup> )	56	60	60
Thickness (µm)	61	61	61
Tensile strength			
longitudinal (N/15mm)	210	185	185
transverse (N/15mm)	170	155	155
Transparency (%)	90		
Opacity (%)		88	85
Shelf life of laminate (years) <sup>1)</sup>	2	2	2
Max. outdoor durability (years) <sup>4)</sup>	**	**	**

- \*\* Material is recommended for short-term outdoor applications  
<sup>1)</sup> 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%.  
<sup>3)</sup> 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.  
<sup>4)</sup> Under normal climatic conditions as prevailing in Central Europe.

For additional information regarding EHS regulations<sup>2)</sup> 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 (FTM 1) (N/25 mm) 24 hrs StSt	10	2.5
Tack (FTM 9) (N/25 mm) Glass	8	4
Recommended minimum application temperature (°C) <sup>1)</sup>	> +5	> +5
Heat resistance <sup>1)2)</sup>		
up to 24 hrs (°C)	+80	+80
up to 1 hr (°C)	+110	+110
Resistance to cold (°C) <sup>1)</sup> down to	-40	-40

- <sup>1)</sup> Not fully resistant until after adhesion reaches full strength – after at least 24 hrs.  
<sup>2)</sup> 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
Weight (g/m <sup>2</sup> )	135
Thickness (µm)	139

#### Guarantee and liability.

The specifications given above are based on existing findings and empirical values. It is the user's own responsibility to check, prior to use, whether the product is in fact suitable for the intended application, and with particular reference to any influential factors peculiar to the application for which the product is to be used. All matters relating to our guarantee and liability in respect of the above product, including the period of guarantee, are governed by our currently valid General Conditions of Sale insofar as these conditions do not contravene any overriding legislation. Subject to technical changes and improvements without prior notice.

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