

# JAC GRAPHICS

## JAC ECOPLUS PAPER-PRINT

### Print carrier

**JAC® ECOPLUS PAPER-PRINT** is an environmentally friendly, white, matt polyolefin film which has been specially developed for offset printing with conventional inks.

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

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

**JAC® ECOPLUS PAPER-PRINT** is special weather-resistant and extremely absorbent surface coating.

For print and application guidance please visit our web side under "Application of JAC films" and "Printing of JAC® films in Offset".

**JAC® ECOPLUS PAPER-PRINT** not only permits fast ink drying but also displays good flatness and hence excellent smoothness of passage through the printing machine. Consult your ink supplier about suitable printing inks for your particular application.

### Average values

	<b>28080</b>
Weight (g/m <sup>2</sup> )	75
Thickness (µm)	95
Tensile strength longitudinal (N/mm <sup>2</sup> )	45
transverse (N/mm <sup>2</sup> )	35
Opacity (%)	92
Shelf life of laminate <sup>1)</sup> (years)	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® Screen

### Adhesive

**DURO D500** is a dispersion-based permanent acrylic adhesive which 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. As removal angle and speed influence the removability we recommend to test it prior use.

Note!

The Adhesive D500 and C3 are recommended only for dry application.

### Average values

	<b>D500</b>	<b>Nonperm C3</b>
Adhesion (FTM 1) (N/25 mm)	13	6
Tack (FTM 9) (N/25 mm)	14	7
Recommended minimum application temperature (°C)	> +5	> +5
Heat resistance up to 24 hrs (°C)	+80	+80
up to 1 hr (°C)	+110	+110
Resistance to cold (°C) <sup>1)</sup>	-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** – a siliconized, wood-free, special-purpose paper. It is moisture-stabilized through a special coating on one side and displays high dimensional stability and 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>B 145</b>
Weight (g/m <sup>2</sup> )	135
Caliper (µm)	129

### Guarantee and liability

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