

Jac EcoPlus

| Face Material | |
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| JAC® 60600 – transparent gloss PP film, top coated | JAC® 62600 – white gloss PP film, top coated |

Face Material

Top coated polyolefin films

JAC® ECOPLUS is a series of environmentally friendly¹⁾ phthalate-free²⁾ 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
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.

For print guidance please visit our website under Downloads "Guidelines for Use" – Screen Printing

1) 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.

| Characteristics | 60600 | 62600 |
|------------------------------------|-------|-------|
| Weight (g/m ²) | 54 | 58 |
| Thickness (µm) | 59 | 59 |
| Tensile Strength ISO 1924/2 (kN/m) | | |
| in MD | 200 | 175 |
| in TD | 180 | 155 |
| Transparency (%) | 90 | - |
| Opacity (%) | - | 80 |
| Shelf life of laminate* (years) | 2 | 2 |
| Max. outdoor durability (years) ** | 1 | 1 |

* 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%.

**Under normal climatic conditions as prevailing in Central Europe. Material is recommended for short term outdoor applications.

Adhesive

Waterbased acrylic adhesive

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

NONPERM R5000N 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.

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

| Characteristics | D500 | R5000N |
|--|------|--------|
| Adhesion (FTM1) on steel after 24h (N/25mm) | 10 | 2.5 |
| Initial adhesion/tack (FTM9) on glass (N) | 8 | 4 |
| Recommended minimum application temperature (°C) | >=5 | >=5 |
| Heat resistance* up to 24h (°C) | +80 | +80 |
| Heat resistance* up to 1h (°C) | +110 | +110 |
| Resistance to cold* (°C) down to | -40 | -40 |
| Ageing stability** | | |

Silicone Paper

Kraft paper 135g/m²

B145 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.

| Characteristics | B145 |
|----------------------------|------|
| Weight (g/m ²) | 135 |
| Thickness (µm) | 127 |

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