

# JAC SERILUX

## Face Material

JAC® SERILUX 70100 – crystal clear, gloss  
 JAC® SERILUX 72100 – white, gloss  
 JAC® SERILUX 72101 – white, matt  
 JAC® SERILUX 71100 – black, matt  
 JAC® SERILUX 71102 – black, gloss

JAC® SERILUX 74100 – SHELL yellow, gloss  
 JAC® SERILUX 75082 – yellow, gloss  
 JAC® SERILUX 78100 – red, gloss  
 JAC® SERILUX 72200 – white, gloss

## Face Material

JAC® SERILUX is a series of flexible PVC.

**Offset-printed:** with UV-curing inks, which are resistant to plasticiser / suitable for films

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

Consult your printing ink supplier about suitable printing inks. All printing inks should be tested for suitability prior to use.

JAC® SERILUX films display a high degree of tear resistance and tear propagation resistance. They also display relatively good ageing stability, water resistance and light-fastness, depending on the actual applications for which they are used. They are used for the production of high-quality labels for indoor and outdoor application.

For print guidance please visit our website under Downloads

"Guidelines for use" – Offset / Screen printing.

\* 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%.

| Characteristics  | 70100 | 72100 | 72101 | coloured | 72200 |
|--|-------|-------|-------|----------|-------|
| Weight (g/m <sup>2</sup> )                             | 114   | 117   | 112   | 112      | 230   |
| Thickness (µm)   | 90    | 90    | 80    | 80       | 170   |
| Tensile Strength ISO 1924/2 (N/mm <sup>2</sup> ) MD/TD | 200   | 200   | -     | -        | -     |
| Opacity (%)  | -     | 92    | 91    | 94       | 94    |
| Shelf life of laminate* (years)                        | 2     | 2     | 2     | 2        | 2     |

## Adhesive

Emulsion based acrylic adhesives available in 4 versions

**DURO E 110** is the standard permanent adhesive for flexible PVC films and is distinguished by its high transparency and UV stability.

**DURO E 300 SUPER** is displaying extremely strong adhesion and is intended for use where a standard adhesive does not give adequate adhesion on rough and/or a-polar surfaces. (e.g. plastic containers)

**NONPERM A 2** is the standard removable adhesive. This highly transparent adhesive is intended for use in cases where labels and stickers are intended to be removed from most common substrates up to 6 months after application under middle European exposure conditions.

**NONPERM A 5** is a long term removable adhesive. It displays very good guillotining properties and is ideal for both wet and dry application. Removable from most common substrates up to 1 year after application under middle European exposure conditions.

Available combinations ex stock.

Reference is made to the product overview films

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

\*\* If not exposed to direct sunlight.

\*\*\* 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%.

| Characteristics                                       | E110 | E300 Super | A5   | A2   |
|---|------|------------|------|------|
| Adhesion (FTM1) after 24h (N/25mm) on Stainless Steel | 15   | 16         | 4    | 5    |
| Initial adhesion/tack on glass (FTM9) (N)             | 8    | 10         | 3.5  | 5    |
| Recommended minimum application temperature (°C)      | >=5  | >=5        | >=5  | >=5  |
| Heat resistance up to 24h (°C)                        | +80  | +90        | +120 | +80  |
| Heat resistance up to 1h (°C)                         | +110 | +120       | +140 | +125 |
| Resistance to cold* (°C) down to                      | -40  | -40        | -40  | -40  |
| Ageing stability**                                    | good | good       | good | good |
| Shelf life of laminate (years)***                     | 2    | 1          | 2    | 2    |

## Silicone Paper

**Kraft liner**

B145 is a siliconized, special-purpose lightweight board, wood-free, matton reverse side, moisture-stabilized through specially impregnated fibersand special coating, hence its excellent flatness. B 145 SPLIT is as above, but with scored lines running in machine direction and spaced 6,25 cm apart serving as a peel-off aid (supplied as standard with JAC® SERILUX 70100, 72100 (adhesive E 110 and A 2) and JAC® SERILUX 72101 (adhesive E 110)).

| Characteristics            | B145 |
|----------------------------|------|
| Weight (g/m <sup>2</sup> ) | 128  |
| Thickness (µm)             | 132  |

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