

JAC GRAPHICS

JAC SERILUX PLUS

Print carrier

JAC® SERILUX PLUS is a flexible PVC film for UV- and conventional offset printing. The film is used for the production of high-quality labels for indoor and outdoor application.

JAC® SERILUX PLUS displays a high degree of tear resistance and tear propagation resistance. They also display relatively good ageing stability, water resistance and lightfastness, depending on the actual applications for which they are used. For technical guidance please see our web site under "5.5 Application of JAC® films"

JAC® SERILUX PLUS as mentioned is suitable for conventional offset printing but with purely oxidative drying inks which are resistant to plasticiser and suitable for films. Consult your printing ink supplier about suitable printing inks for your particular application. For more details regarding Offset printing on films please see our website "5.6 Printing of JAC® films in Offset". For the effect of Split on transparent film for window applications and/or printing with translucent inks please also see our technical documentation on our website.

The following print carriers are available ex stock:

JAC® SERILUX 70090 – crystal clear, gloss
JAC® SERILUX 72090 – white, gloss approx. RAL 9016

Average values

Type No.	70090	72090
Weight (g/m ²)	104	122
Thickness (µm)	90	90
Tensile strength longitudinal (N/mm ²)	23	29
transverse (N/mm ²)		
Weathering conditions ¹⁾ (years)	2	2

¹⁾ Under normal climatic conditions as prevailing in Central Europe

For information regarding EHS regulation please visit our website under downloads "Guidelines for Use" 5.12 Product Compliance JAC® Screen

Adhesive

DURO E 110 is a dispersion-based permanent acrylic adhesive. It has been specially developed for flexible PVC films. **DURO E 110** is distinguished by its high transparency and UV stability.

NONPERM A 2 is a removable, dispersion-based acrylic adhesive which has been specially developed for flexible PVC films. This highly transparent adhesive is intended for use in cases where labels and stickers are to be removed after a relatively short period of time.

Average values (measured on steel + glass)²

	E 110	A 2
Adhesion (FTM 1) (N/25 mm)	20	9
Tack (FTM 9) (N/25 mm)	7	5
Recommended minimum application temperature (°C)	≥ +5	≥+5
Heat resistance up to 24 hrs (°C)	+80	+80
up to 1 hr (°C)	+110	+125
Resistance to cold (°C) ³⁾	-40	-40
Ageing stability ⁴⁾	good	good
Shelf life of laminate (years) ⁵⁾	1	1

²⁾ Strength of adhesion may be adversely affected by a possible migration of plasticizer from the flexible PVC film into the adhesive.

³⁾ Not fully resistant until after adhesion reaches full strength – after at least 24 hrs

⁴⁾ If not exposed to direct sunlight; applied at room temperature

⁵⁾ 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%

Silicone paper

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 and spaced 6,25 cm apart serving as a peel-off aid.

Average values

	B145
Weight (g/m ²)	128
Thickness (µm)	132

