

JAC GRAPHICS

JAC SERILUX PLUS

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.

JAC SERILUX PLUS[®] as mentioned is suitable for conventional offset printing but with purely oxidative drying inks 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. 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

Type No.	70090	72090
Weight (g/m ²)	114	122
Thickness (µm)	90	90
Tensile strength		
longitudinal (N/mm ²)	30	30
transverse (N/mm ²)	28	28
Elongation at break		
longitudinal (%)	170	170
transverse (%)	200	200
Transparency (%)	90	–
Opacity (%)	–	92
Weathering conditions ¹⁾		
(years)	2	2

¹⁾ Under normal climatic conditions as prevailing in Central Europe

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.

	E 110	A 2
Adhesion (FTM 1) (N/25 mm)	20	9
Tack (FTM 9) (N/25 mm)	8	5
Shear strength (FTM 8) (hrs)	15	10
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%

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 5 cm apart serving as a peel-off aid.

	B145
Weight (g/m ²)	128
Thickness (µm)	127

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. This issue replaces all previous issues. Issue February 2009



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