

# JAC SHEETS

## JAC DATA PE 105

### Print carrier

### Average values

**JAC® DATA PE 105** is a matt white PE film. This film has been specially developed for laser printing on sheet-fed presses because of its excellent heat resistance. It allows a short thermal load of approx. 180°C without heavy shrinking.

**Printing:** Besides being suitable for laser printers, **DATA PE 105** can also be used in conventional printing technologies such as silkscreen and offset printing.

**Pretests should always be carried out when using UV inks. DATA PE 105** can also be used for printing in photocopiers, ink jet printers (color up to 720 dpi) and digital printing machines (Indigo / Xeikon).

Thanks to its excellent toner keying resulting in high scratch and abrasion resistance, **DATA PE 105** is ideal for expedition or logistics and industrial labels. Practical examples are PE shrink foil and HD-PE tanks.

In view of the many types of equipment available on the market, we recommend to always run pretests before use!

For technical guidance please visit our website under Downloads "Guidelines for use – Offset printing"

	<b>62180</b>
Weight (g/m <sup>2</sup> )	115
Thickness (micron)	178
Tensile strength longitudinal (kN/m)	2.3
Opacity (%)	92
Shelf life of laminate (years) <sup>1</sup>	2

<sup>1</sup> Stored in original packaging at a temperature of 22 ± 2°C and a relative humidity of 50 ± 5 %RH.

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

### Adhesive

### Average values

**DURO AL180** is a crystal clear, acrylic-based adhesive with max. UV- and weather resistance. Good initial and final adhesion. Resistant against high temperatures. Very good conversion characteristics.

	<b>DURO AL 180</b>
Adhesion (N/25 mm) (FTM2 on st. steel/20 min. bond time)	12
Tack (N/25 mm) (FTM9 on glass)	11
Recommended minimum application temperature (°C)	>+10
Heat resistance up to 24 hrs (°C)	+80
up to 1 hr (°C)	+110
Resistance to cold (°C) <sup>2</sup> down to	- 20

<sup>2</sup> Not fully resistant until after adhesion reaches full strength – after at least 24 hrs.

### Silicone paper

### Average values

**B 85** – siliconized kraft, wood-free, special-purpose paper, moisture-stabilized through a special coating on one side. It displays high dimensional stability and excellent flatness.

	<b>B 85</b>
Weight (g/m <sup>2</sup> )	92
Thickness	88

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