

TECHNICAL SHEET

CARTTON GLUE 43100 PA

DESCRIPTION:

CARTTON'S GLUE 43100 PA is an environmentally friendly ecological adhesive protein which does not contain any toxic ingredients.

Due to the fact that the only solvent present in the formula is the water, the glue is totally biodegradable.

USES:

Machines customized for manufacturing book covers, file folders binders, etc., Onto plasticized materials or not, with surface tension above **45 Dyn**. The product can be used in machines such as KOLBUS DA. 36, 240, 270, 260, 280 HÖRAUF BDM 20, SPEED 85, etc.

TECHNICAL FEATURES:

Presentation: Bars

Colour: Brown

Active Material: Gelatine

Gelatine Concentration: 55 +/- 1%

Viscosity (Brookfield, LV- 4 - 100 rpm – 60°C): **1.500 mPa*s. +- 10%**

pH: 6,5-7,0

Gelation temperature: **41°C.**

Open time: **1 - 2 seconds**

Starting tack: Very High

DIRECTIONS OF USE:

- Working viscosity recommended: from **900 up to 1200** according to machine and materials
- Working concentration recommended: **51 - 55%** according to machine and materials.
- Amount of glue to be applied: **10 – 30 g/m²** (according to material's absorption)

APPLICATION CARTTON GLUE 43100 PA:

TEMPERATURE

The temperature in the bath **60°C**. Application temperature **60 °C**.

Under any circumstances should the glue temperature rise above **70° C**

DILUTION

More hot water may be added according to the materials to be pasted.

The water evaporation from the glue must be constantly redressed by regular addition of hot water to prevent the threads or lumps formation

DILUTION

More hot water may be added according to the materials to be pasted.

The water evaporation from the glue must be constantly redressed by regular addition of hot water to prevent the threads or lumps formation.

FUSION AND FEED TANK:

The CARTTON GLUE 43100 PA must have a temperature in the feed tank between **60° C**.

In case the machine stops working for more than **5 hours**, the tank heater must be switched off in order to avoid the degradation or hydrolysis of the product.

Once prepared for use, the glue in the feed tank should be used up as soon as possible.

The glue should not sit for long periods at operational temperature.

CLEANUP:

We recommend using only water

APPEARANCE:

Onto European or American pallet, containing 63 boxes, 24 Kg/ box, 1.512 Kg approximately, wrapped up with retractile film. Specifying net & gross weight and tare.

STORAGE:

Store the CARTTON GLUE 43100 PA in dry and cool place maximum temperature should not exceed 24° C.

The expiring date of the product kept in the indicated conditions is 12 months. Verify the printed expiry date on the box.

WARNING:

This technical information is based on our skills and studies conducted by our Technical Department. Our guarantee on the results are limited only to the maintenance of product quality and continuity, since we can not control how our products are used, and may not require further responsibility.

Due to the vast amount of material on the market, we always recommend prior testing to ensure a successful outcome in each particular case.

For any further information about our products, please do not hesitate to contact our Technical Department.

.

ROYAL CARTTON, S. L.

Technical Department