

Interlinings

Add value to your products using Screen dot coating technology for interlinings

Stork Prints

As interlining fabrics get thinner and more delicate, the technology used to apply the adhesive gains importance. The thinner fabrics get, the more difficult it becomes to produce interlinings with both the required adhesive properties and no strike-through, while maintaining a soft hand. Our unique dot coating solution, based on rotary screen technology, enables you to keep up with market demands and add value to your products, at the highest possible speed.

[Rotary screen technology](#)

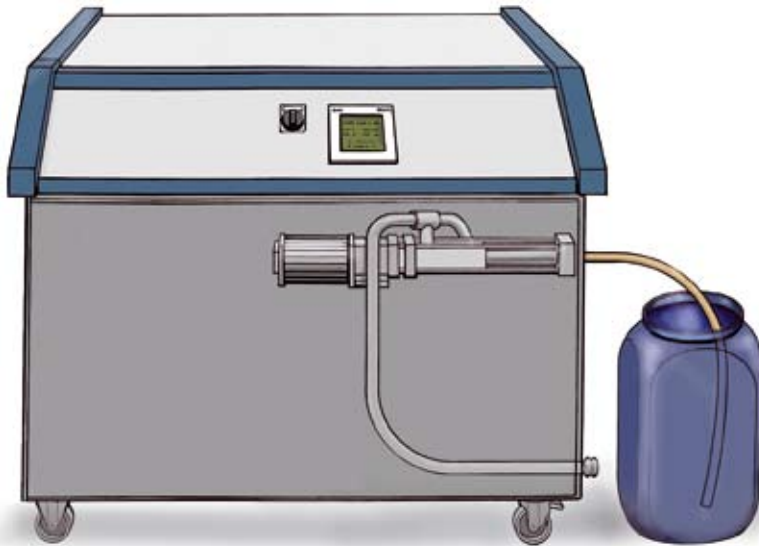
Rotary screen coating in general offers some considerable advantages over other coating technologies. As the screen and the fabric run at the same speed, there is no friction between them, and not too

much tension on the fabric. Therefore, delicate and sensitive fabrics are processed safely, easily and quickly. And the open glue structure results in a soft hand.

[Unique dot coating solution](#)

Traditional screen coating technology has its limitations, however. The use of a conventional open squeegee, for example, requires some pressure to push paste through the screen holes, which results in a slight penetration of dots into the substrate. And the pre-flow, paste flowing out of the screen holes before it is pressed to the substrate, has been known to disturb the dot shape. To reduce strike-through, dot penetration and the loss of hand even further, Stork has developed a unique dot coating

solution, based on a closed squeegee system. It guarantees ultimate process control and exact reproducibility, with higher production speeds.



To get the optimum benefit from the advantages of rotary screen dot coating technology, Stork offers interlining producers a unique range of special products, solutions and services.

CFT coating and finishing unit

The Stork CFT is an extremely versatile and multifunctional coating and finishing system that gives you excellent reproducibility, top quality, and the capability to manufacture unique end products - in other words, a significant competitive advantage. It offers an exceptionally wide choice in chemicals, substrates and techniques. Its modular design makes it easy to adapt for specific applications or future developments, and also simplifies integration into many different types of production line. It is highly accurate, easy to operate and very cost-effective.

PP 3 paste processor

With the PP 3 processor, you are guaranteed precisely controlled delivery of adhesive paste, since you can preset it to an exactly specified amount of paste, which will automatically be applied to the substrate. You can use the PP 3 to apply treatments to any type

of substrate that requires even, closely controlled coating. The PP 3 integrates perfectly with the Stork CFT multifunctional coating and finishing unit. However, it is also fully compatible with other types of coating and finishing equipment. For added flexibility, it can also be used to create unstable foam for the application of chemicals, by adding a mixer head. This versatility means the PP 3 can offer practical and cost-effective solutions for virtually all foam and paste processing requirements in textile and non-woven applications.

Closed squeegee system

There is only one way to create the perfect, pearl-shaped dot: in a closed distribution system. Stork has developed a unique system for dot coating, the closed squeegee system. This type of squeegee is equipped with two blades, which act as a distribution slot. The blades are slightly bent and manoeuvred

in an almost horizontal position, which ensures smooth contact between the squeegee blades and the screen. The paste is guided onto the substrate between these two blades, and remains under the paste processor's control until it reaches the application point. Together with the narrow application width – a mere 5 mm instead of the conventional (minimum) 10 to 20 mm paste roll diameters – this eliminates the problem of pre-flow once and for all. In addition, the absence of a paste roll in front of the squeegee blade increases production speed to over 60 metres a minute.

Broad range of screens

Stork offers you an incredibly broad range of dedicated dot coating screen types, in terms of mesh size, thickness, percentage of open area and hole diameter. It enables you to optimally control the amount and penetration rate of paste, and therefore to produce an endless variety of dot coating applications on a single machine.

Technology Centre

In our Technology Centre, our know-how on every aspect of the coating and finishing process is brought together: equipment, screens, techniques. It offers you the opportunity to test a product or production method under true production conditions, at true production speed.



*Stork Prints B.V.
P.O. Box 67
5830 AE Boxmeer
The Netherlands*

Tel: +31 485 599 555

Fax: +31 485 599 556

E-Mail: storkprints@stork.com

Web: www.storkprints.com

The data in this brochure was valid at the time of publishing, and is subject to change without notice. Stork Prints reserves the right to modify its products at any time without further obligation.