One of the reasons why we lead the market in many industries is our close partnership, based on trust, with OEM’s and end users.

We would like to take this opportunity of thanking all those companies who we co-operate with on textile printing for their trust and valuable input. We are also grateful to the following companies for supporting us in putting together this magazine:

Our printing blanket experts – your local contacts

Ranjan Nawal, India, General Manager Sales & Marketing India
Kane Zhan, PR China, Printing blanket fabrication and on-site specialist
Axel Meyer, Germany, Textile Segment Manager Europe
Zhou Jun, PR China, Textile printing specialist
Printing blankets have a major impact on the performance of textile printing systems. Given today’s demands on printing quality and speed, products can only survive if they allow machinery to work at full capacity. In conjunction with leading manufacturers of rotary and screen printers, we develop and enhance high-tech printing blankets. A joint effort is required to optimise users’ production processes – something we’ve been doing for more than ten years.

This period of time coincides with one of the most important innovations in our company’s history. In 2001, Forbo Siegling commissioned the world’s biggest calender to date for manufacturing conveyor belts made of synthetic materials. This innovation was a milestone as regards production quality and widths of up to five metres. In terms of printing blanket manufacture, the calender means better surfaces, greater thickness accuracy and pitch line precision. As a result, users are guaranteed top repeat accuracy and the highest level of availability possible.

Based on this cutting-edge technology and in partnership with textile machinery manufacturers and printers, extremely dynamic and innovative printing blankets are developed and include endless splices that leave no markings either.

Our customers have every good reason to expect excellent printing blankets, but also in-depth advice, as well as service, assembly, repair and trouble-shooting solutions. Which is why (and due to advanced product development) Forbo Siegling has created central warehousing and finishing facilities worldwide in order to guarantee widespread, fast supply. At the same time, our own personnel and local service partners are regularly trained and equipped with appropriately wide heating presses. This infrastructure and testing criteria developed with OEMs and printers ensure availability and the high standard of the splicing methods.

Whether you’re an OEM or user: your experience with our products is regularly incorporated into our quality management system and in developing and improving the Siegling Transilon printing blankets.

So you can count on us in future too – and we hope we can count on your trust.
High tech for today and tomorrow’s world

We believe it’s vital to work closely with manufacturers and end users. Their experience and the demands they place help us to analyse where the market is heading and to target our research and development accordingly. As a result, we can ensure that where performance is concerned our textile printing products tick all the boxes.

Printing blankets have long been integral system components and real high-tech products. Innovative Forbo Siegling developments often play a key role in enhancing entire systems.

Thanks to this dynamic development, we constantly offer our customers the excellent value – and the certainty that our products, applications and services will respond to the challenges of tomorrow’s world.

Exceptional surface quality

Forbo’s huge investments in finishing technology pay out for the customer. While other products are made on three-roll calenders, Forbo Siegling manufactures its products with a four-roll calender. The outcome is unique surface quality as regards smoothness and structure of the surface, as well as an extremely precise pitch line.

In order to guarantee that an endless splice leaves no markings, Siegling fitters were given in-depth training in special splicing methods for printing blankets. Service partners were also supplied with heating presses in the right width. Inspections are carried out according to criteria agreed with printers and users.

Throughout the world, printing blankets up to four metres wide can be made endless on site in top quality.

The markings reveal the difference.
Left: conventional splice
Right: Forbo Siegling splice leaving no marks
Forbo doesn't just sell products, but solutions for tomorrow. As a result, our printing blankets do not just stand apart because they are excellent quality and function perfectly. Easy methods allow on-site splicing and make handling simpler. They are uncomplicated to adjust and have long service lives, saving time and money. Expert advice helps to harness the productivity potential of your machinery better. These are all excellent reasons for choosing us.

Durability and repeat accuracy

We are well aware what’s important in textile printing. We have the technology to make customised products and we set the bar high when it comes to the demands we place on ourselves. This is the way we create our outstandingly high-quality printing blankets which deliver excellent availability, repeat accuracy and durability to our customers.

All materials used are special fabrics and tailor made for the mechanical and chemical challenges printing blankets demand. They are all checked before usage. With exceptional manufacturing technology, we create superb surfaces and an extremely precise pitch line which is measured and logged at every centimetre of the printing blanket.

Specially developed surface coatings are highly resistant to solvents and allow all standard cleaning agents to be used. Even acetone and other ketones can be used for brief periods of time.

A firm grip on all processes

Depending on the printing process, printing widths, the number of printing stations and other parameters, printing blanket requirements are very different.

Over the last few years, close co-operation between textile machinery manufacturers, printers and Forbo Siegling has led to a range that offers the right printing blanket for any production environment.

Major challenges in dynamic start/stop operation in digital and flat-bed printing are met easily thanks to the usage of an aramide tension member. The latest development is a single-ply printing blanket with polyester tension member. This development is a quantum leap in the precision of the pitch line, so that requests for top repeat accuracy can be met even better.

At your side worldwide

But even superb products and customer focus can’t replace being in close proximity to the customer. Which is why we have more than 1,800 employees and over 50 international facilities. You can find our service points in more than 300 places all over the world.

To handle textile printers’ requirements, Forbo Siegling has set up central warehousing and finishing facilities worldwide to guarantee widespread supply. At the same time, our own employees and local service partners are frequently trained and given heating presses that are sufficiently wide.

Forbo Siegling experts are on hand all over the world to advise you.

For perfect printing quality at excellent value

Forbo printing blankets: front-runners in many ways

Recording for every centimetre of the printing blanket: identical thickness and precise pitch line.

Position of pitch line
Pattern shift

Print 6488-2.65E
Print 6646-2.15E
Print 6552-2.15AE

Print 6552-2.15AE

Recording for every centimetre of the printing blanket: identical thickness and precise pitch line.

Printing blankets in a solvent test. Left: competitor’s product after 9 hours Right: Forbo Siegling printing blanket after 48 hours.
Top marks

What our OEMs say:

“The quick and local service that Forbo offers is essential for us.”

Chorng Lung Machinery Co., Ltd. was founded in 1988. Due to its continuous research and development activities and insistence on high quality, the company is known for manufacturing flat screen printing machinery and printing equipment all over the world. The machinery is designed to print woven, knitting and nonwoven fabrics made of the usual materials. Printing is primarily carried out on furniture upholstery, brush fabrics, garments and towels. Its main export markets are Japan, PR China, India, Indonesia, Vietnam, Thailand, Cambodia, Malaysia, New Zealand, Morocco, South Africa, Philippines, Brazil and Bangladesh.

Hsu Tsao-Tang
Director,
joined Chorng Lung in 1988

“With their worldwide service Forbo is the right partner to make quick deliveries and on site splicing for minimum downtimes.”

J. Zimmer Maschinenbau GmbH is a leading global player in textile printing and coating machines, hot-air dryers, heat treatment machinery and digital printers for textiles and carpets. Zimmer Austria supplies worldwide and has sales and service partners in many countries. All template printing, coating and flat screen printing machines are made at the Zimmer Klagenfurt site. Zimmer Kufstein is the centre of competence for digital printing machines. Zimmer offers a one-stop solution: whole systems, high-quality, reliable software and the appropriate expertise in terms of the application.

Ernst Eiper
CTO Klagenfurt,
joined Zimmer in 1972

“Superb quality of the top face including the splice are key to perfect printout results.”

Screenotex Engineers Pvt. Ltd. was founded and incorporated in 1993 by enthusiastic and resourceful entrepreneurs who wanted to manufacture flat bed screen printers. The company’s aim is to supply dependable and quality machines with good after-sales service, increasing customer value at every stage. Its R&D department focuses on creating innovative machines and looking at the future needs of the textile printing industry. The emphasis is consistently on precision engineering, design modification, continuous development, sophisticated technology and quality standards.

Patel Hemant M.
Managing Director,
joined Screenotex in 1993
Indian Textile Engineers is a family-owned company and India’s leading flatbed screen printing machine and automatic screen washing and drying machine manufacturer. Established in 1971, ITE has a strong competitive edge and is constantly striving to produce new techniques at the cutting-edge of technology. With its own in-house R&D Department and tireless pursuit of excellence, it constantly meets virtually all its customer’s needs with more than 2700 machines satisfactorily operating in India and abroad. ITE’s machinery stands for high production, performance and accuracy in fabric printing. Indian Textile Engineers is committed to reaching global strategies and linking up with international markets. As a result, it is a true front-runner.

Jeroen van den Hurk
General manager,
joined ITE in 2011

Stork Prints is a globally leading company in the textile and graphics printing market. It provides total system solutions, ranging from screens, lacquers, inks and digital engraving to a broad range of rotary and digital printing machines. Stork Prints produced its first flat-screen printing machine in 1953. Ten years later, the company unveiled its revolutionary rotary screen printing concept. It was an immediate success, and most of world’s textile printing is nowadays done on Stork rotary screen printing machines. After more than 50 years of extensive research and innovation, Stork still maintains its position as the world’s leading supplier in textile printing, both for rotary screen printing as for digital printing.

Jeroen van den Hurk
General manager,
joined Stork Prints in 2011

Liayungang Yingyou textile machinery Co., Ltd. is a Chinese high-tech enterprise with a powerful team of engineers and advanced manufacturing capabilities. For more than 40 years, the company has been committed to producing finishing machines and carrying out research and development. Raising, polishing, shearing, sueding, printing and dyeing, special treatment, pre-spinning, synthetic leather, carbon fibre equipment are some of the areas it is involved in. With about 2,000 finishing machines annually, the company has a 90% share of the domestic market and a good credit rating internationally. Its key export markets are south-eastern Asia, India, Pakistan, South Africa and Russia.

Zheng Jiangwen
Vice general manager & chief engineer, joined Yingyou in 1990

"Forbo printing blankets meant another market improvement in our printing accuracy."

Liayungang Yingyou textile machinery Co., Ltd.
Lianyungang City,
Jiangsu Province, China
www.lygtm.com
Turnover in 2010: € 40 million
Employees: 700
Co-operation with Forbo since 2007

Stork Prints BV
Raamstraat 1-3
NL-5831 AT Boxmeer
www.spgprints.com
Turnover in 2010: € 180 million
Employees: about 1400
Co-operation with Forbo since 2010

"Our business partners need to be service minded and respond quickly. With Forbo we have a close partnership on a global scale."

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"Specialised knowledge of textile printing processes enables Forbo to recommend the best solutions for different printing scenarios."

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Turnover in 2010: € 180 million
Employees: about 1400
Co-operation with Forbo since 2010

Indian Textile Engineers
Ahmedabad
382445, (Guj) India
www.indiantex.com
Turnover in 2010: INR 27 crores
(INR 270 millions)
Employees: about 126 Approx.
Co-operation with Forbo since 2007

Nikibhai Thakore
Managing Director,
joined ITE in 1980

Indian Textile Engineers is a family-owned company and India’s leading flatbed screen printing machine and automatic screen washing and drying machine manufacturer. Established in 1971, ITE has a strong competitive edge and is constantly striving to produce new techniques at the cutting-edge of technology. With its own in-house R&D Department and tireless pursuit of excellence, it constantly meets virtually all its customer’s needs with more than 2700 machines satisfactorily operating in India and abroad. ITE’s machinery stands for high production, performance and accuracy in fabric printing. Indian Textile Engineers is committed to reaching global strategies and linking up with international markets. As a result, it is a true front-runner.

Nikibhai Thakore
Managing Director,
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Managing Director,
joined ITE in 1980
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We have more than 50 international agencies and 300 service points all over the world. You can find your contacts in the major textile printing markets in the following list. For contacts in other countries visit www.forbo-siegling.com.