

FORBO PRINTING BLANKETS

siegling transilon
conveyor and processing belts

A successful
double-act >> PAGE **2**

Forbo
front-runners >> PAGE **4**

What our
OEMs say >> PAGE **6**

Global
service >> PAGE **8**

**Excellence
for a
colourful world**

forbo

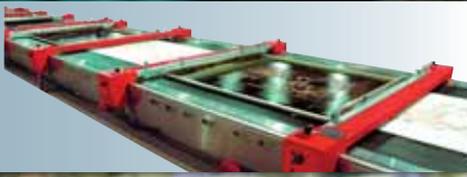
MOVEMENT SYSTEMS

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.

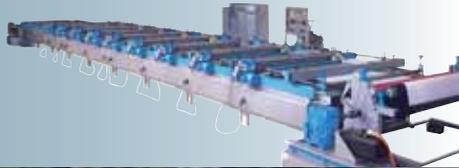
We would like to take this opportunity of thanking all those companies who we co-operate with on textile printing for their trust and valuable input. We are also grateful to the following companies for supporting us in putting together this magazin:



spgprints®



ZGL



indian
textile
engineers



Zimmer
AUSTRIA



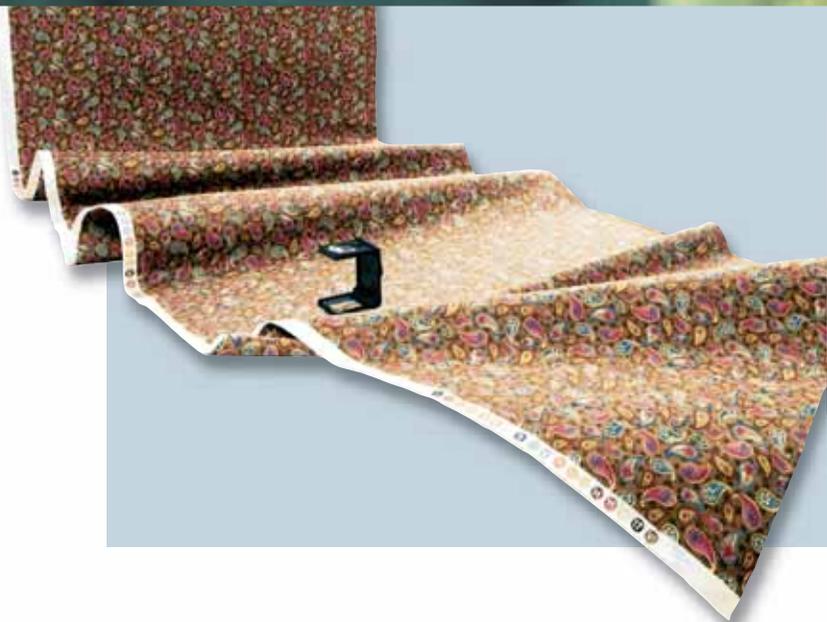
INTOMA



SCREENOTEX®

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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

Teamwork at its best

Printing blanket producers and Forbo: a successful double-act



Matthias P. Huenerwadel
Executive Vice President
Forbo Movement Systems

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.



Toto Budianto, Indonesia,
Key Account Manager
Indonesia



Reason Yang, PR China
Salesman PRC



Serge Zipper, France,
Key Account Manager
Printing blankets



MOVEMENT SYSTEMS



The production machine in the Hanover plant (Germany). The world's biggest four-roll calender for producing conveyor and processing belts.

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.



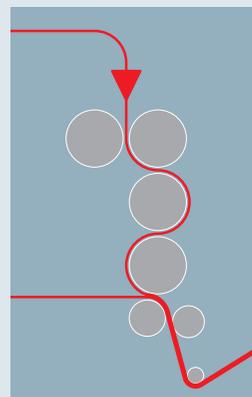
Targeted research for the next generation of printing blankets.

Exceptional surface quality

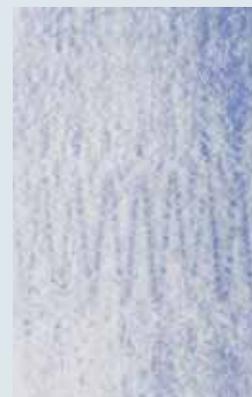
Forbo's huge investments in finishing technology pay out for the customer. While other products are made on three-roll calenders, Forbo Siegling manufactures its products with a four-roll calender. The outcome is unique surface quality as regards smoothness and structure of the surface, as well as an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



Exceptional surface quality and identical thickness thanks to the Forbo four-roll calender.

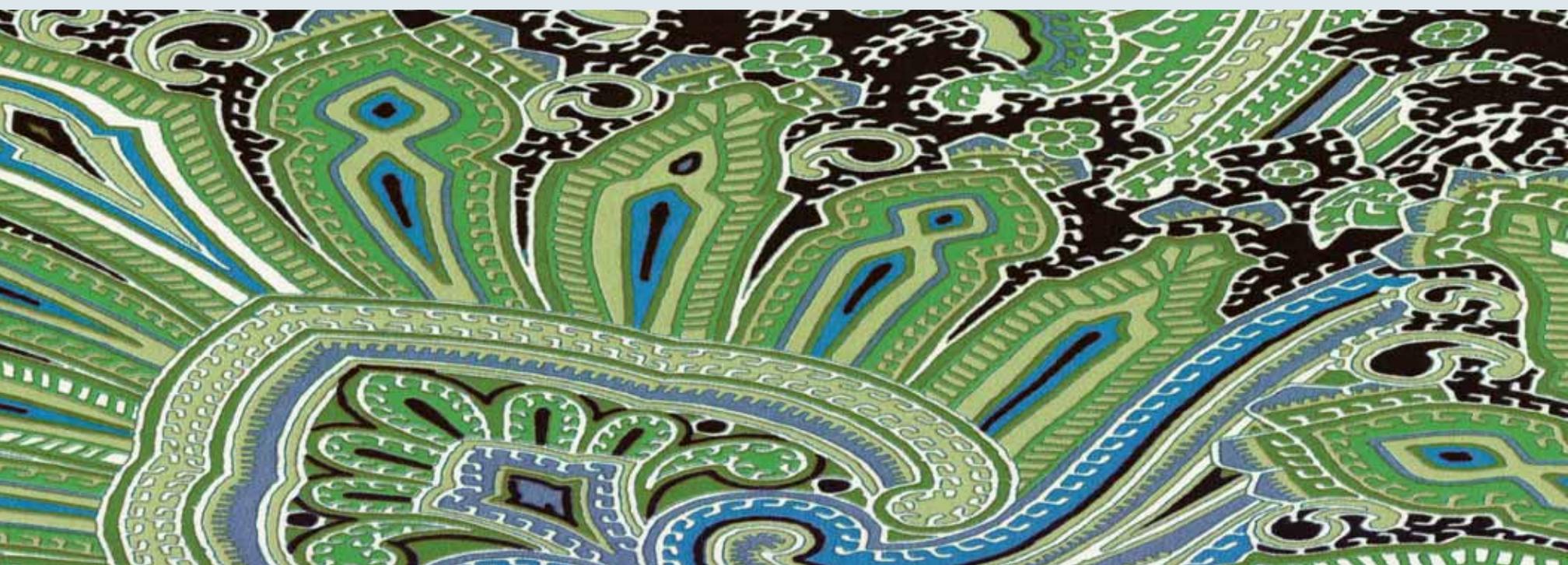


The markings reveal the difference.

Left: conventional splice



Right: Forbo Siegling splice leaving no marks



For perfect printing quality at excellent value

Forbo printing blankets: front-runners in many ways

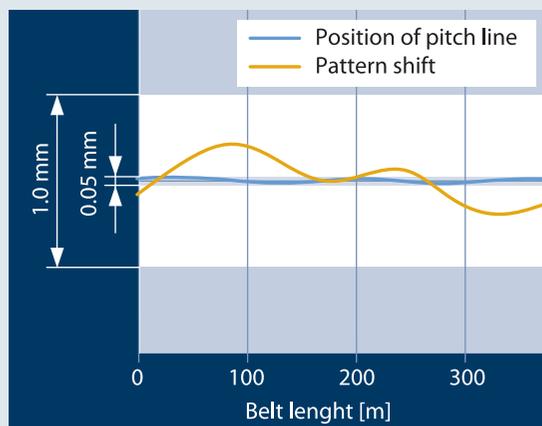
Forbo doesn't just sell products, but solutions for tomorrow. As a result, our printing blankets do not just stand apart because they are excellent quality and function perfectly. Easy methods allow on-site splicing and make handling simpler. They are uncomplicated to adjust and have long service lives, 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.



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

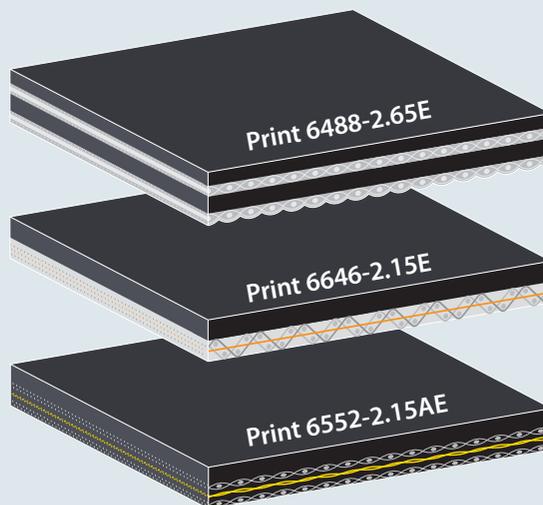
A firm grip on all processes

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.



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



What our OEMs say:



Hsu Tsao-Tang
Director,
joined Chorgh Lung in 1988

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



Chorgh 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.



Chorgh Lung Machinery CO., Ltd.
INTOMA Hsutsaotang
www.intoma.com.tw

Turnover in one year: USD 15 millions
Employees: 90 in Taiwan and China
Co-operation with Forbo since 1991



Ernst Eiper
CTO Klagenfurt,
joined Zimmer in 1972

“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.



Heat treatment machines
J. Zimmer Maschinenbau GmbH
Ebentalerstrass e 133
A-9020 Klagenfurt
www.zimmer-austria.com

Employees: 270
Co-operation with Forbo since 1988



Patel Hemant M.
Managing Director,
joined Screenotex 1993

“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.



Screenotex Engineers Pvt. Ltd.
Mohmad Sarif Devdiwala Compound,
Narol – Vatva Road,
Narol, Ahmedabad – 382 405
Gujarat State (INDIA)
www.screenotex.com

Turnover in 2010: INR 20 crores
(INR 270 millions)
Employees: about 250
Co-operation with Forbo since 2008



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

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



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.



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



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

“Forbo printing blankets meant another market improvement in our printing accuracy.”



Lianyungang 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, brushing, 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.



Lianyungang 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



Nikibhai Thakore
Managing Director,
joined ITE in 1980

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



Indian Textile Engineers is a family-owned company and India's leading flat bed 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.



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

Siegling – total belting solutions

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

America:

Argentina

S. Uffenheimer S.A.
Calle 117, Nro. 3591
1650 San Martin
Prov. Buenos Aires
Phone: +54 11 47 53 80 05
Web: www.uffenheimer.com.ar

Brazil

Forbo Siegling Brasil LTDA
Elementos de Transmissão
e de Transporte
Av. Prof. Vernon Kriebler, 500
006696-070
Bairro Industrial de Itaquí
Itapevi SP
Phone: +55 11 41 43 77 04
Web: www.forbo-siegling.com.br

Mexico

Forbo Siegling S.A. de C.V.
Sor Juana Inés de la Cruz, 54
Col. Industrial San Lorenzo
54033 Tlalnepantla
Edo. de México
Phone: +52 55 12 53 62 00
Web: www.forbo-siegling.com.mx

USA

Forbo Siegling LLC
12201 Vanstory Drive
Huntersville
North Carolina 28078
Phone: +1 704 9 48 08 00
Web: www.forbo-siegling.us

Europe:

Austria

Forbo Siegling Austria Ges.m.b.H.
Oswald Redlich-Strasse 1
1210 Wien
Phone: +43 1 25 96 516
Web: www.forbo-siegling.at

France

Forbo Siegling France SAS
184, Rue de la Mitterie
59160 Lomme
Phone: +33 3 20 17 02 80
Web: www.forbo-siegling.fr

Germany

Forbo Siegling GmbH
Lilienthalstrasse 6/8
30179 Hannover
Phone: +49 511 67 04-0
Web: www.forbo-siegling.com

Great Britain

Forbo Siegling UK Ltd.
Unit 4
Fifth Avenue
Tameside Park
Dukinfield
Cheshire SK 16 4PP
Phone: +44 161 3 30 65 21
Web: www.forbo-siegling.co.uk

Italy

Forbo Siegling Italia S.p.A.
Via Sondrio 4
20037 Paderno Dugnano (Mi)
Phone: +39 02 91 00 23 1
Web: www.forbo-siegling.it

Portugal

J. Baptista & Ca., Lda
R. dos Vanzeleres 337
4100-484 Porto
Phone: +351 22 6 061 600
Web: www.jbaptista.pt

Russia

Forbo Siegling (ZAO)
Novomalinovskaja str. 14H1
195248 St. Petersburg
Phone: +7 812 703 40 74
Forbo Siegling (ZAO)
2nd Proezd Perova Polja, 7
111141 Moscow
Phone: +7 495 2312006
Web: www.forbo-siegling.ru

Switzerland

Forbo Siegling Schweiz,
Zweigniederlassung der
Forbo International S.A.
Kapellenstrasse 2
4323 Wallbach
Phone: +41 61 865 61 61
Web: www.forbo-siegling.ch

Turkey

Mengenli Mumessillik Tekstil VE TIC.
Ltd. Sti
Rihtim Cad. Izzettin Sok.
Polat Ishani No.2 Kat 4, D.53, Kadiköy
34710 Istanbul
Phone: +90 216 338 63 60

Africa:

Egypt, Saudi Arabia

Transpower Egypt
Habib G. Atallah & Co.
P.O. Box 766
Alexandria
Phone: +20 3 4 27 96 07

Asia:

Bangladesh

Texeem Engineering (PVT) LTD.
51/1, Naya Paltan, VIP Road
VIP Tower (10th Floor)
Room-C10
Dhaka-1000
Phone: +880-2-8332651-2

P.R. China

Forbo Siegling (Shenyang) Belting
Co. Ltd.
No. 5 Mo Chou Hu Road
Shenyang Economic and
Technological Development Zone
110141 Shenyang, China
Phone: +86 24 25 813 813
Web: www.forbo-siegling.com.cn

Forbo Shanghai Co., Ltd.
Building #53,
No 311, Fute Nan Road
WaiGaoQuiao Free Trade Zone
200131 Shanghai, China
Phone: +86 21 5048 2699

Emag Trade Services (HK) Ltd.
G/F, No. 112
Tai Po Lam Tsuen Su Tsuen
Tai Po, N.T., Hong Kong
Phone: +852 23 16 72 66

India

Forbo Siegling Japan Ltd.
(India Branch Office)
1, Friends Paradise,
1205/2/3, Shirole Road,
Off J.M. Road, Deccan Gymkhana
Pune-411004
Phone: +91 20 41 08 43 43
Web: www.forbo-siegling.com

Indonesia

Wisma Belt-Indo
Jl. Moh Toha Km. 5,3 No. 56
Bandung 40261
Phone: +62 22 5 20 82 88
PT Sarana Belt Indonesia
JL Margomulyo III/20A
Surabaya 60183
Phone: +62 31 748 0808

Japan

Forbo Siegling Japan Ltd.
28 Kowa Building
2-20-1 Nishi-Gotanda
Shinagawa-Ku, Tokyo
141-0031 Japan
Phone: +81-3-5740-2350
Web: www.forbo-siegling.co.jp

Pakistan

Al Almeen Trading Corporation
(Private) Limited
Plot 28, Sector 19
Korangi Industrial Area
Karachi-75730
Phone: +92 21 35070635-37

Singapore, Malaysia

Forbo Siegling Sdn. Bhd.
12, Jalan Bistari 4
Taman Industri Jaya
81300 Skudai
Johor Bahru, Malaysia
Phone: +60 7 512 60 21/2/3

Taiwan

Rego International Co., Ltd.
Fl. 2, No. 1, Alley 2
Lane 93 An-Kang RD.
Ney Hwu
Taipei
Phone: +88 62 2791 0709

Thailand, Laos

S.C. General Trade Group Co., Ltd.
10 Soi Kasempanichakarn
Sukhumvit 71 Road
Klongton-Nua, Vadhana
Bangkok 10110
Phone: +66 2 391 30 49

Vietnam

STD & S Co. Ltd.
39/5 Suong Nguyet Anh
District 1
Ho Chi Minh City
Phone: +84 8 3925 7207

Vu Minh Trading and Engineering
Company Ltd.
No. 401 Tran Khat Chan Street
Hai Ba Trung Dist.
Hanoi, Vietnam
Phone: +84 4 622 72 83

Pacific:

Australia

Forbo Siegling PTY. LTD.
23-24 Ormsby Place
Wetherill Park
NSW, 2164
Phone: +61 2 9828 0300
Web: www.forbo-siegling.com.au



MOVEMENT SYSTEMS

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www.forbo-siegling.com, siegling@forbo.com

Forbo Movement Systems is part of the Forbo Group,
a global leader in flooring, bonding and movement systems.
www.forbo.com