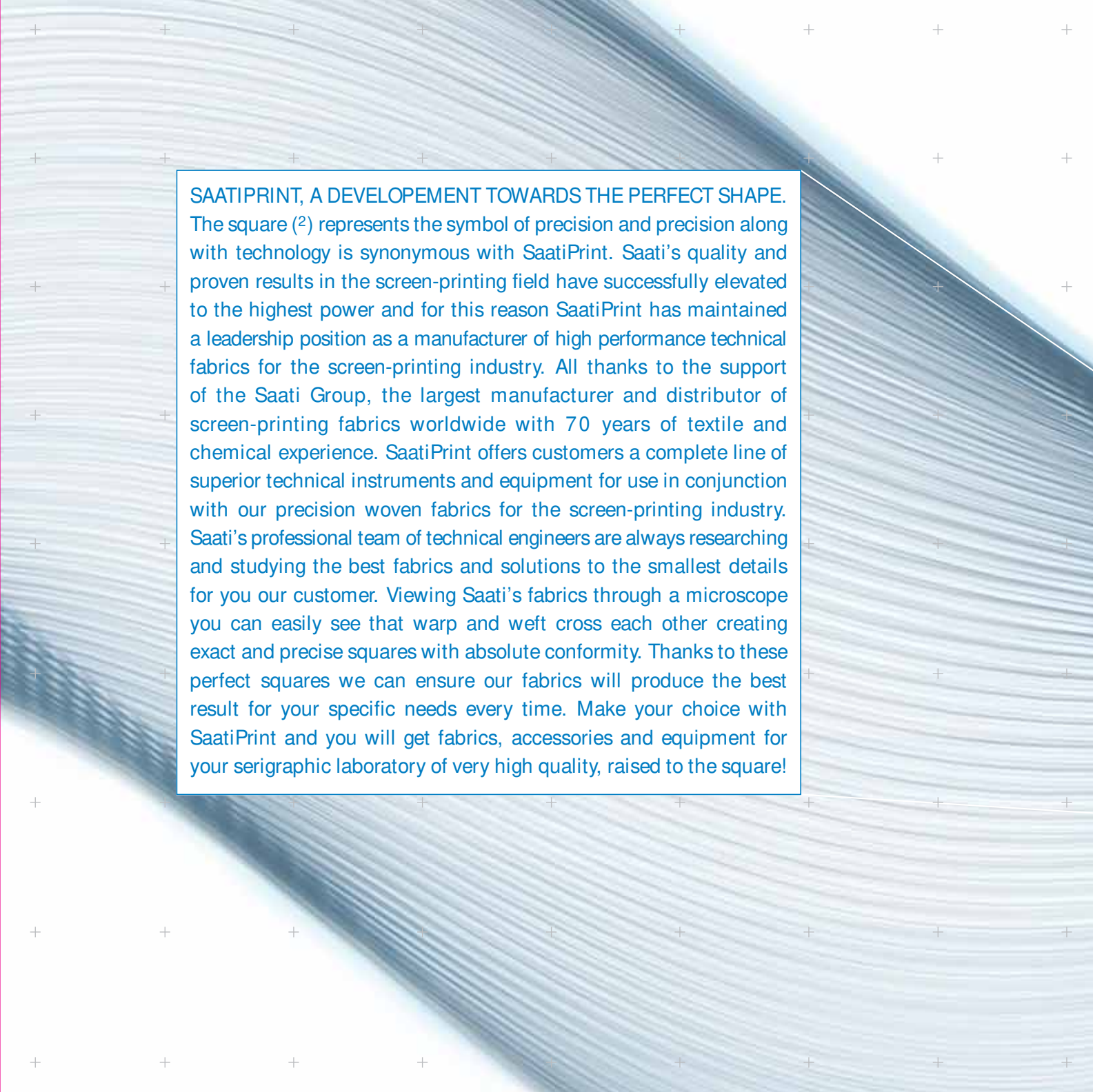
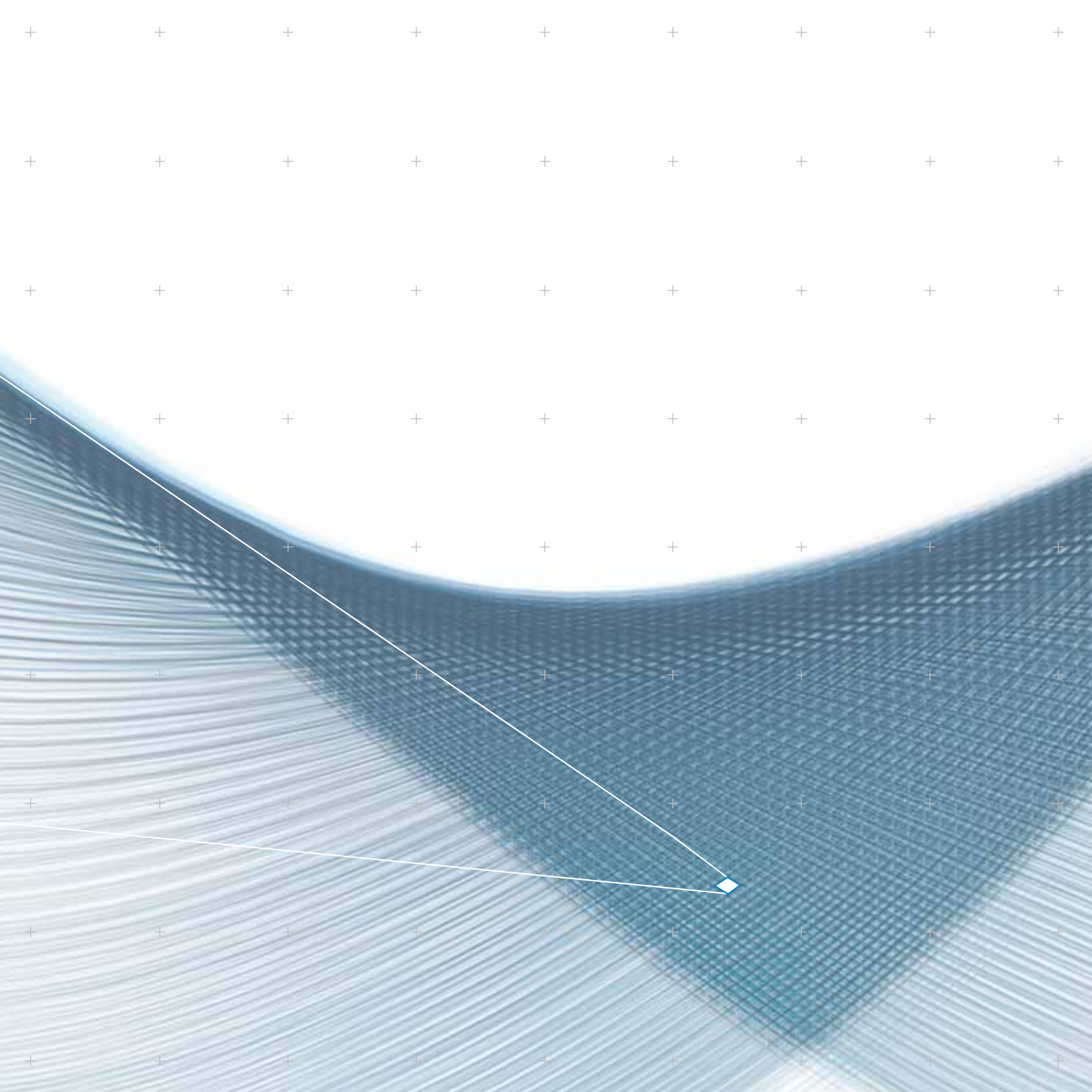


print²

 SAATIprint



SAATIPRINT, A DEVELOPEMENT TOWARDS THE PERFECT SHAPE. The square (²) represents the symbol of precision and precision along with technology is synonymous with SaatiPrint. Saati's quality and proven results in the screen-printing field have successfully elevated to the highest power and for this reason SaatiPrint has maintained a leadership position as a manufacturer of high performance technical fabrics for the screen-printing industry. All thanks to the support of the Saati Group, the largest manufacturer and distributor of screen-printing fabrics worldwide with 70 years of textile and chemical experience. SaatiPrint offers customers a complete line of superior technical instruments and equipment for use in conjunction with our precision woven fabrics for the screen-printing industry. Saati's professional team of technical engineers are always researching and studying the best fabrics and solutions to the smallest details for you our customer. Viewing Saati's fabrics through a microscope you can easily see that warp and weft cross each other creating exact and precise squares with absolute conformity. Thanks to these perfect squares we can ensure our fabrics will produce the best result for your specific needs every time. Make your choice with SaatiPrint and you will get fabrics, accessories and equipment for your serigraphic laboratory of very high quality, raised to the square!



The logo for Saati One, featuring the word "SAATI" in a blue, sans-serif font above the word "one" in a yellow, lowercase, sans-serif font. The entire logo is enclosed in a thin black rectangular border.

SAATI
one

SaatiPrint has been listening and researching to the ever changing needs and requests in the screen-printing industry, developing as a result two new fabrics choices.

Saati One is the range of fabrics produced for high quality and excellent performances with exemplary results.

The logo for b-SiDE, featuring the word "b-SiDE" in a bold, black, sans-serif font. The "i" in "SiDE" has a small yellow dot above it. The entire logo is enclosed in a thin black rectangular border.

b-SiDE

B-Side is the range of fabrics selected and guaranteed by SaatiPrint for satisfactory results in particularly competitive applications.

A large, blue, serif font word "precc" is centered on the page. The background is a green fabric texture that transitions from a darker green on the left to a lighter green on the right. A grid of small grey plus signs is overlaid on the entire page. In the bottom right corner, there is a small, empty rectangular box with a thin grey border.

precc

ision²

SaatiPrint offers a large range of fabrics for all pre-press needs in many specific applications: graphic, textile, ceramic, electronic, glass and optical disc. Always starting with the synthetic fibres of polyester and polyamide, we ensure the results of these fabrics will provide excellent dimensional stability, regularity, lastingness and quality finishing.





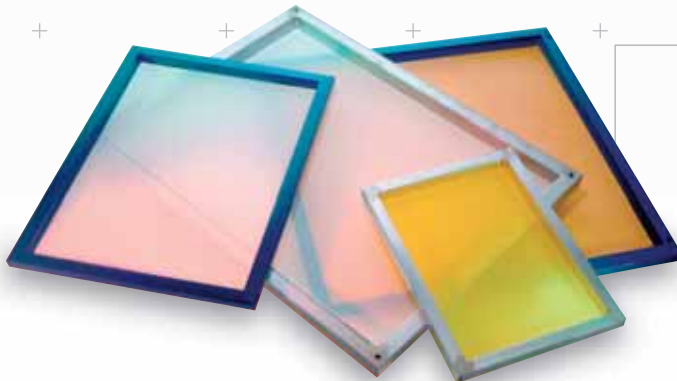
SAATILON

Saatilon represents a range of screen fabrics produced from a monofilament polyamide fibre. Due to its inherent elastic characteristics this fabric is ideal for printing on uneven and curved surfaces. Moreover, Saatilon offers an excellent abrasion resistance and ink passage.



SAATITEX

Saatitex is a family of polyester fabrics made of tightly and evenly twisted filaments to form a single thread, hence its identification as multifilament. Saatitex is used instead of silk to produce delicate designs on household fabrics or for the sophisticated fashion industry.



SAATILENE HITECH²

Saatilene Hitech² is a monofilament polyester fabric, which is the ideal choice for multi-colour control, intricate designs and uniform ink deposits. This fabric has an unlimited range of mesh counts that include Saatilene Hitech² Ultra Orange and Ultra Yellow for optimum stencil resolution. With the improved development of the production process it can now reach higher tension levels than before with reduced tensioning timeframes. Saatilene Hitech² has all the necessary ingredients to offer the screen printer the best results for such critical and demanding graphic applications.



SAATILENE SUPER HITECH

Saatilene Super Hitech is a very high tension, monofilament polyester screen fabric with very low elongation suitable for fast tensioning process. Saatilene Super Hitech is the ideal choice for delicate and sophisticated screen-printing works.



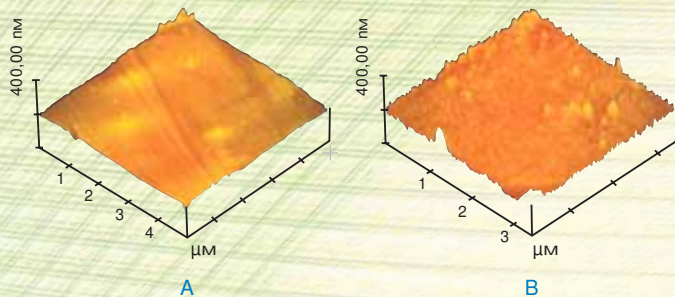


SAATILENE DUO

Saatilene Duo is a monofilament fabric with high technical features. It has a higher tension compared with the other polyester fabrics, high modulus and a better elastic memory. The high abrasion resistance increases the panel life and makes it ideal for abrasive paste and inks. A better printing quality and an easier stencil cleaning complete Saatilene Duo profile.

SAATILENE HIBOND

Saatilene Hibond is a high tension/low elongation polyester monofilament screen-printing fabric, offering added bonuses to the stencil maker and printer alike: timesavings and stencil durability. While all screen fabrics imperatively require a thorough mesh treatment before stencil processing, Saatilene Hibond is delivered ready-to-use. Its special factory finishing renders the use of adhesion promoters obsolete and in some cases reduces ghost imaging. Apart from the production timesavings, it will extend the life of stencils from single to triple, or more. This is a unique feature especially beneficial when printing conditions are unusually harsh, either due to the nature of the substrate or the ink system.



SAATILENE HIBOND FIBRE

The atomic microscope shows the structure of a classic polyester fibre (A) and the modified surface of the Saatilene Hibond fibre (B). A special surface treatment grants a better film adhesion to the fabric and increases the stencil durability during the printing process of around 50%.





SAATILENE PCB-MESH

Saatilene PCB-Mesh is a polyester monofilament fabric of the last generation specially engineered for the production of electronic circuit boards by the screen-printing process. Saatilene PCB-Mesh is produced with a special surface treatment that guarantees extremely high stencil durability and optimum fabric stability.

SAATILENE CD-MESH

Saatilene CD-Mesh is the result of the latest advances in technology. It offers tension stability superior to that of high modulus polyester fabrics. Compact disc printing requires a series of features from screen fabrics such as: tensile strength, elevated tension, stability, stencil durability and reliability. Saatilene CD-Mesh has greater elastic memory and exceptional stencil adhesion. It enhances the reproduction quality of the finest half-tone dot, and can be recycled, maintaining the same properties. This is due to the following conditions when printing CDs: long runs, fast printing speed, ink permeability, quick press set-up and fast, efficient screen recycling.





Thanks to the deep technical know-how of the screen-printing market, SaatiPrint produces quality instruments and equipments for measuring, checking and tensioning the fabric during the whole screen-printing process. The technical fabrics together with the specific professional instruments create a perfect combination between durability and high definition of the final product.

techn

ology 2

SAATIPRINT PRE-PRESS – EQUIPMENTS & INSTRUMENTS

DIGITAL TENSION METER Saati DGTens

The Saati Tension Meter is an indispensable companion when tensioning fabrics for screen production or monitoring the tension of recycled screens. It is the most accurate instrument within the range of mechanical meters and the only one that allows readings up to 130 N/cm. Its high sensitivity allows detection of the smallest variation of tension all over the screen.



TQM Digital Radiometer DRC 100X

A precision instrument used to measure exposure lamp intensity in a narrow spectral band where the photo emulsion is at its most sensitive (400-430 nanometre range). Using this measurement and the stencil manufacturer's recommended exposure dose, you can quickly calculate correct photoemulsion and stencil film exposure times. This eliminates lengthy and less accurate testing procedures that are difficult to interpret.

POCKET SURF III RZ Pocket meter

The Pocket Surf III Surface Meter is a pocket-sized, battery-operated roughness gauge. It measures stencil and substrate surface roughness parameters in Ra, Rmax and Rz with digital readout. The Pocket Surf III is solidly built with durable cast aluminium housing for years of accurate surface measurements.



TQM Aqua-Check

The TQM Aqua-Check determines when the stencil is dry enough to expose and detects hidden moisture instantly. It is a fast and accurate measurement that prevents you from taking chances with your stencil. The battery-operated contact meter provides direct readings of the residual moisture content in coated (and dried) screens to ultimately prevent pinholes and premature stencil breakdown. There is no guesswork. Simply hold it against the emulsion or film surface and press the "READ" button for 2 seconds. Look at the dial. Red for trouble ahead. Orange for risky. Green for go!



TQM ETG Electronic thickness gauge

TQM Electronic Thickness Gauge (ETG) is the only thickness gauge that calculates the difference between the fabric and emulsion thickness automatically. It is the choice for the screen printer looking for a practical, compact and easy-to-use thickness gauge for quality control purposes. Its uses include screen mesh and stencil measurements, as well as substrate and cured ink film measurements.

Equipment for laser direct exposure

SaatiPrint offers a new automated digital system for the exposure of screen-printing stencils performing the realization of the stencil directly from the file. The exposure technology is based on scanning by polygonal mirror and a flat field lens of a laser light beam. This digital system is also equipped with screen loading and unloading storage units. The screens are taken from a vertical storage unit, positioned on the unit then imaged and transferred to the output storage unit. With this digital technology it is possible to manage and elaborate the digital images (MAC based and PC offered) with the most common software such as Adobe Photoshop, and to store print files in electronic format with high resolution. Besides it allows the process to be performed without need of an operator.



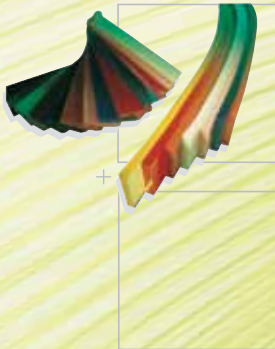
SAATI 21-Step Sensitivity Guide

This is the exposure guide of choice for accuracy, ease of use and all-purpose application. With the Saati guide, there is no guesswork or complicated interpretation. It is a more precise tool than the gelatin/density type exposure calculators, and unlike competitive products, it can be used on all stencil types and all mesh counts. (Other exposure guides are not compatible with pure photo-polymer stencils, and do not perform as well on coarse mesh.) Our 21-step guide is also much smaller so it can be used on all production screens. The Saati Sensitivity Guide is a film containing a transmission type density scale with 21 steps ranging from transparent to opaque. (1 = zero density. 21 = solid black.)



DURALIFE squeegee

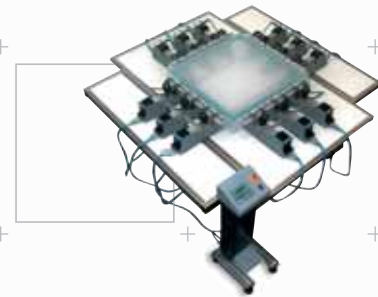
Made in the U.S.A., Duralife are cast in individual cavity molds that seal both walls to better withstand solvent attack. This assures consistent and uniform blade thickness, dimensions and hardness. Manufactured with our exclusive urethane formulation that locks in abrasion resistance, Duralife squeegees hold up longer on press and resist softening, even in UV applications. Manufactured with a closer tolerance (+ 5/-0), than the industry norm of ± 5 . Duralife will not be affected adversely by humidity, or harden in storage. Choose from several color-coded durometers, from extra soft to extra hard. Duralife squeegees are available in more than 200 sizes/profiles to fit any press holder (domestic or international).



TOP 14

Pneumatic stretching system

The Top 14 Clamp is a highly advanced, yet easy to use system, which achieves the highest recommended tensions more uniformly, without over-tensioning the corners. It provides the greatest stability of any system available. Among the most notable features of this premier stretching system is its independent or simultaneous warp/weft tensioning capability. Another great feature is a special pneumatic device that totally eliminates the contact between fabric and frame while allowing frame compression. The system's manual control panel is ergonomically designed and allows continuous non-incremental adjustments on demand. All pneumatic connections offer quick release for rapid frame size changeover and system expansion. The electronic control panel allows operation in three modes: manual, semi-automatic and automatic.



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