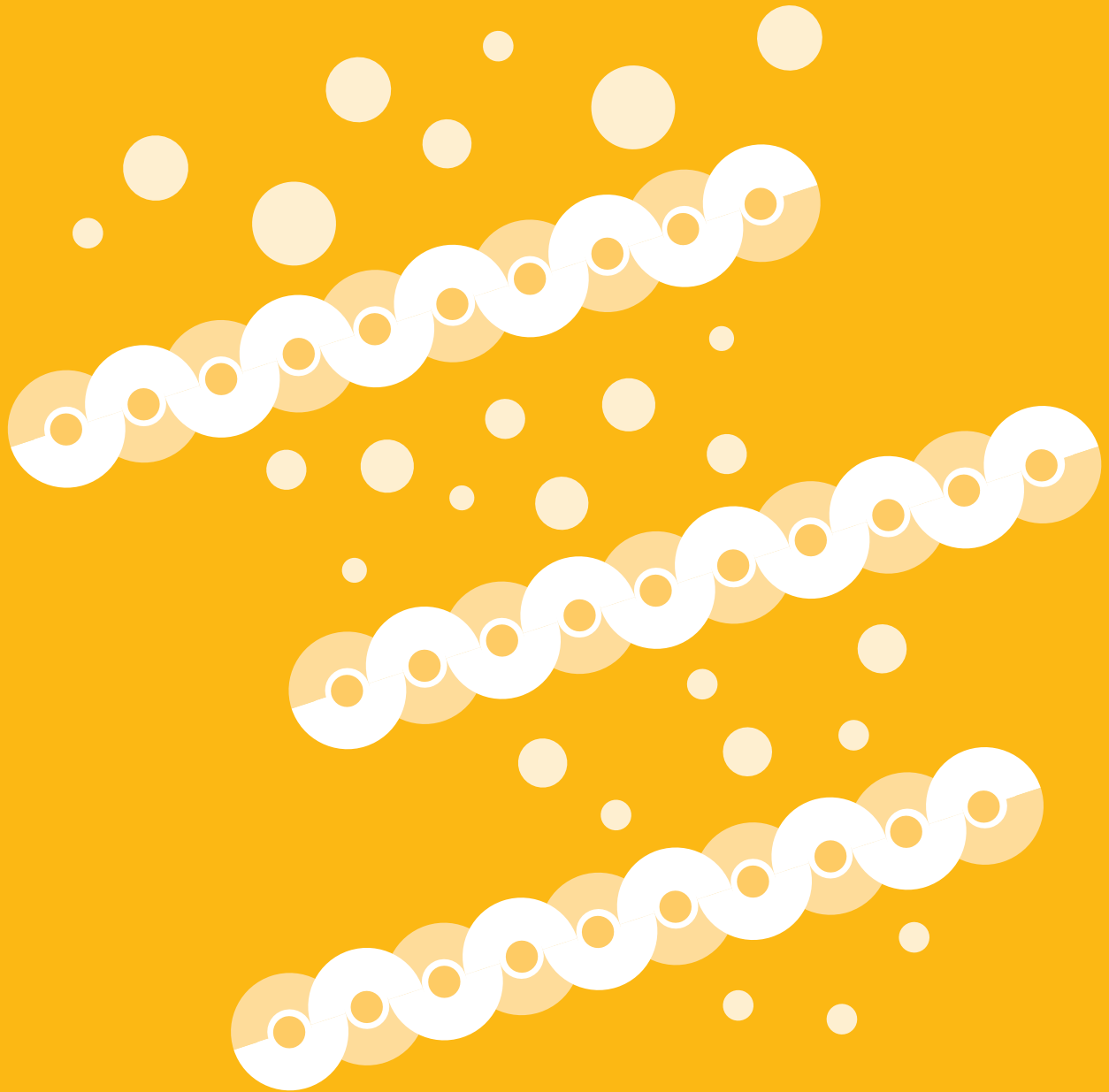


SaatiMil™

PRECISION FABRICS
FOR MILLING & SIFTING APPLICATIONS



Perfecting the Art of Precision Screening fabrics



High-tech precision looms

SaatiTech is a member of the worldwide Saati Group of companies, with a long history of manufacturing and distributing precision woven fabrics.

Over the past 60 years, SaatiTech has perfected the technology of manufacturing fabrics to a high degree of precision.

These include a broad range of fabrics for sifting applications, from flour to pharmaceuticals, with an extensive selection of fabric types and mesh openings.

Our products are manufactured in accordance with ISO 9001:2000 and are suitable for food contact.

Unsurpassed customer support

The quality of SaatiMil™ screening fabrics is backed by the dedication and expertise of SaatiTech customer service.

With offices and fabrication facilities throughout the world, SaatiTech provides strong local support, expert response to customer inquiries, strong engineering and technical support, and quick delivery to all locations.

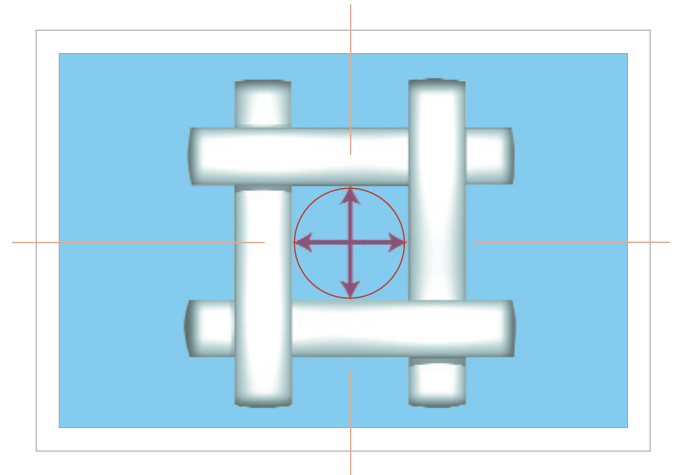


Flour milling separation

SaatiMil™

For precise, high-capacity particle separation

SaatiMil™ screens are precision woven for accurate, high-capacity particle separation. The SaatiMil™ line is ideal for the exacting screening and separating procedures used in the food, chemical, pharmaceutical, and mining industries. Applications include flour milling, abrasive sifting, chemical classification, pharmaceutical separation, sand sifting, and corn, sugar and rice separation. Throughout the world, SaatiMil™ screens are known for their high capacity, longevity, perfect fit, and competitive pricing.



Fabric selection

SaatiMil fabrics are available in a variety of fiber sizes for a given opening size. A large fiber improves screen life, but decreases screen flow capacity. A smaller fiber will provide greater screening capacity but will wear out faster.

Flour Milling Fabrics

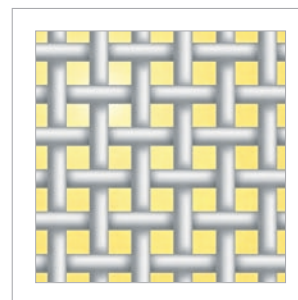
The flour milling industry has traditionally used a unique numbering system to denote variations in fiber sizes.

The **SaatiMil XXX** grades have a large fiber size and are used for hard grades of wheat and durum or other abrasive grains.

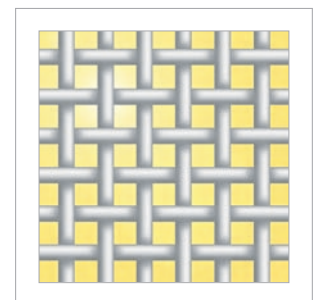
The **SaatiMil GG** or Grit Gauze grades are woven with coarser opening sizes with a smaller fiber to provide a higher screening capacity.

SaatiMil HT are high-capacity screens in medium and finer opening sizes. They have a higher tensile strength and better abrasive resistance than the SaatiMil XX grades. They are ideal for the newer type sifting frames, which have glued-on screens requiring high tensile stretching.

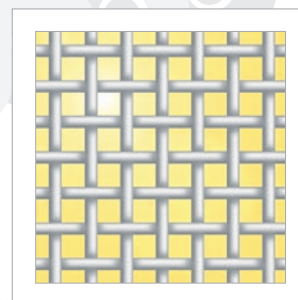
SaatiMil XX fabrics are woven with two smaller diameter fibers adjacent to one another. This construction provides a rougher surface to the screen, which is beneficial when sieving soft wheat, bakery flour, and other products that are difficult to sift.



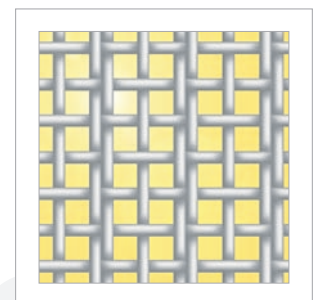
SaatiMil™ XXX



SaatiMil™ GG



SaatiMil™ HT



SaatiMil™ XX



Screen Panels



SAATIMIL™
SIFTER SLEEVES

Perfect fit, exceptional durability,
easy installation

Perfect fit consistently in all screening applications.

Extremely durable construction.

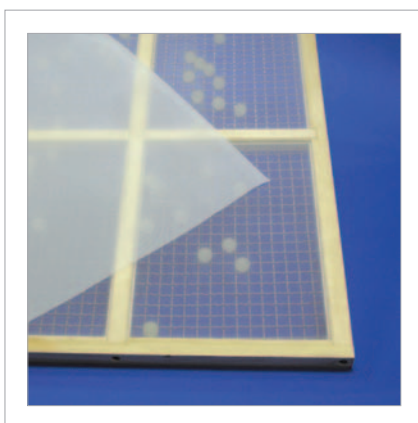
A variety of seam and end cuff designs.



PLANSICHTER
GQT-GS
FROM GBS GROUP

Standard and custom-fabricated screens

Our wide range of standard fabricated products will meet most requirements; we also provide custom-fabricated screens for unique applications.



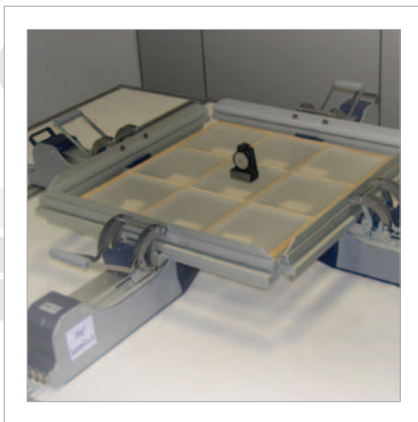
SAATIMIL™
BONDED FRAME



Stretching system



SAATIMIL™
TOP 550 SIEVE



SAATIMIL™
STRETCHING
SYSTEM

The new SaatiMil stretching system provides a fast method of stretching milling and screening fabrics to their optimum tension.

Generally only one clamp per side is required due to the extra long jaw length.

This saves on the cost of the system and setup time for stretching screens.

Clamps are available in three jaw widths.

The clamps are very reliable and are easy to maintain.

Their long 140 mm stroke per clamp provides 280 mm of total stretch in both directions.

The entire body is covered to prevent fingers, clothing, etc. from getting caught in the moving parts.

Advantages:

- OPTIMUM TENSION
- HIGH RELIABILITY
- FAST SETUP
- EASY TO MAINTAIN

Advantages of synthetic screens

SaatiMil™ Synthetic Screens often provide better performance and longer screen life than stainless steel screens.

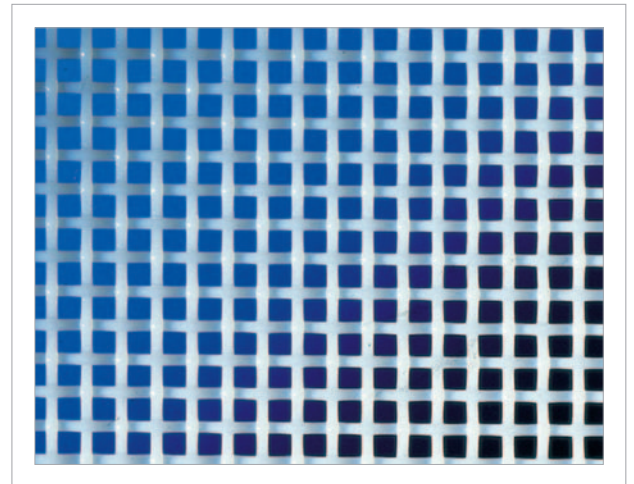
Metal fatigue. Vibration ultimately causes a metal screen to harden and break. Synthetic screens resist fatigue far longer.

Safety. When metal screens fail, small pieces break off; these can be dangerous in food. When a synthetic screen fails, it generally tears without fibers breaking off.

Blinding. Particles that are approximately the same size as the screen openings can become wedged between rigid metal wires causing the screen to blind. Synthetic screens are more flexible, allowing the particles to work free.

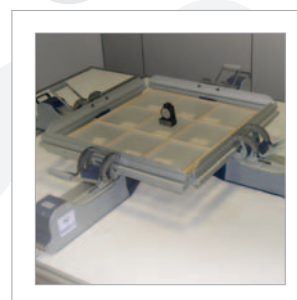
Abrasion. Nylon is very abrasion resistant and is often used to separate abrasive particles, such as metal powders or silica sand.

Corrosion. Nylon screens are well suited for alkaline applications, while polyester screens are better suited for acidic applications.



Accessories

For details on all SaatiMil™ accessories see accompanying data sheet.



SaatiMil™
Stretching System



SaatiMil™
Tension Meter



SaatiMil™
Sieve and Pan Cleaners



SaatiChem™
Adhesives



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