



# SAATILife

Filters for Pharmaceutical Industry

FOR THE MANY, BY THE FEW

—SAATI



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## Connect with SAATI



# Company Information

## Innovative Action Since 1935

SAATI is a multinational group with corporate headquarters that have been situated in northern Italy since 1935.

The company specializes in the development and manufacturing of advanced technical textiles and chemicals, and currently employs approximately 1,000 people across its operations worldwide.

SAATI has positioned itself as a leader in the production of synthetic textiles and fabricated parts, which are tailored to meet the high demands of process filtration applications. The company's products are designed to offer an engineered solution that optimizes performance, efficiency, and productivity in industrial processes.

To ensure consistently high product quality, SAATI employs specialized processing techniques and rigorous inspection protocols. These measures enable the company to meet strict standards of uniformity, strength, stability, cleanliness, and tolerance, which are crucial for satisfying the diverse needs of its industrial customer base.

# Customer Focus

## Customer Driven Innovation

Thanks to our direct presence in many countries, it is easy for customers to reach us, wherever they are located, and our response is always prompt. Our staff has a high level of technical expertise and dedication, and are always aiming to find the best solution for the customer's requirements.

SAATI sales representatives and engineers understand customers' applications, and work closely with staff in the production and R&D departments to offer a customized solution in a form that best meets their needs.

The quality of SAATI's medical products is backed by the dedication and expertise of SAATI's customer service. Thanks to offices, warehouses, storage and fabrication facilities throughout the world, SAATI provides strong local support, expert responses to customer inquiries, strong engineering capability, technical support and fast delivery around the world.



# SAATILife

## Perfecting the Art of Precision Woven Fabrics with Innovation Driven R&D and Strict Quality Controls

SAATILife is SAATI's dedicated line for pharmaceutical industry, manufactured in accordance with ISO 9001:2000 as well as with Regulations CE 1935/2004 and EU 10/2011. SAATILife encompasses a range of fabric types that fully adhere to the FDA Code of Federal Regulations.

### **Compliance of Composition:**

The polymer yarn used in SAATILife meets the requirements outlined in the FDA Code of Federal Regulations (USA), Food and Drugs, Title 21, Part 177 Paragraph 177.1500 and 177.1420 (Indirect food additions: Polymers).

### **Compliance of Performance:**

SAATI ensures compliance with Regulations 1935/2004/CE & EU 10/2011. Our commitment to complete traceability throughout the production chain, from raw materials to finished products, guarantees that we meet our customers'

expectations. Our products undergo rigorous testing to verify migration limits, aligning with regulations governing plastic materials intended for contact with food. The processes of SAATI for pharmaceutical articles are conducted in compliance with GMP 2023/2006.

To guarantee the reliability of our products, we conduct regular tests and have all the most updated and strict certifications that validate the consistency, performance, quality and characteristics of each item. With about 1,000 employees worldwide, state-of-art facilities and a strong, established track record in innovation and manufacturing excellence, our mission is to improve the life of every person every day, through working with customers and partners to create a safer, healthier and cleaner world.



# SAATILife Features

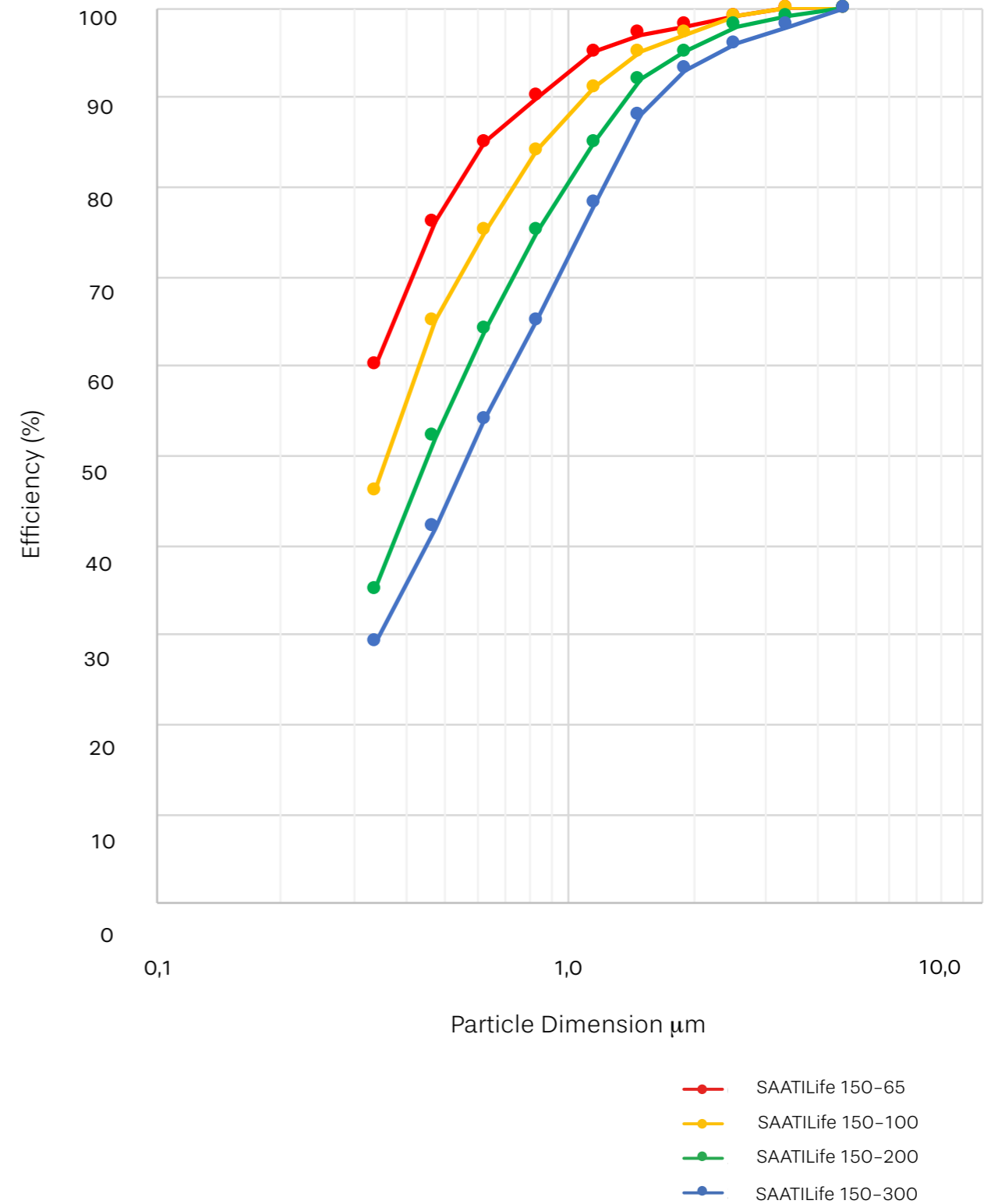
SAATILife products ensure a high level of filtration efficiency, which translates into advantageous process yields, minimizing product losses, and optimizing profits.

At SAATI, our team of technical experts stands ready to provide advice to customers, assisting them in selecting the most suitable filter media that aligns with the latest standards of measurement.

Moreover, our dedicated Research and Development department is at your service, prepared to handle any technical inquiries aimed at enhancing and analyzing customers' production processes.

Each fabric is designed with a specific architecture, tailored to different permeabilities required for various production processes such as micronization, granulation, coating, and the production of APIs and intermediates.

Initial Fractional Efficiency - SAATI method based on ISO 16890



# Fabrication Capabilities

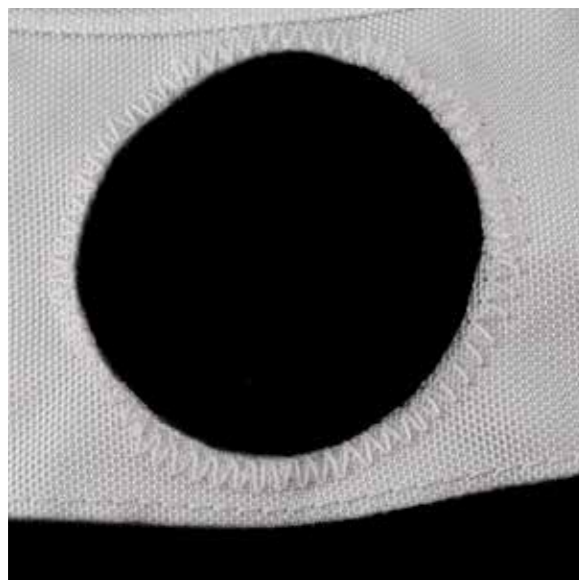
SAATI places customer needs in the pharmaceutical manufacturing industry as a top priority. Each phase of the production process of SAATILife products respects strict safety criteria in order to guarantee the highest quality and safety level, from the yarn to the finished filter.

SAATILife filters are produced in a dedicated area and comply with GMP 2023/2006.

Thanks to our decennial know-how in food and healthcare applications, we implement specific procedures in order to avoid any cross contamination during the fabrication process.



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# ISO Class 7 Clean Room

All pharmaceutical process filters are made according to current mandatory laws, under GMP and according to 2023/2006 regulation. Precise procedures have been implemented

in our ISO class 7 classification clean room, in order to avoid any contact with the outside and to preserve the highest standards of product cleanliness.

SAATilife products are treated and packaged in order to be supplied "ready for use", to minimize installation and storage time.

For more information on the production of filters for pharmaceutical applications we invite you to visit the link to the dedicated [video](#).



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# GMP Quality Inspection

We constantly invest in the best equipment dedicated to the inspection of filter products for pharmaceutical industry in a GMP environment.



# Applications

## Micronization Filters

SAATI produces ready-to-use filters for dust micronization processes, where high filtration efficiency of dust with a very small size close to a micron is required.

SAATI micronizer filters guarantee high efficiency even with low flows and at the beginning of the process, minimizing the loss of valuable material and ensuring maximum product yield.

Customers using SAATI filters get the best performance for particle retention and filter permeability; This results in high productivity and efficiency. All micronization fabrics safeguard health and safety in workplaces with potentially explosive risks. Filter materials pass through a specific conductivity test to verify compliance with the ATEX, and they are fabricated in compliance with GMP and 1935/2004 regulation (ISO 7 class clean room).



# Applications

## Fluid Bed Dryer Filters

SAATI produces GMP (ISO class 7 clean room) filters for drying, granulation, and coating processes in fluid bed processors. The textile structure allows for high efficiency in the total recovery of processed materials. Additionally, the filters comply with FDA and EU regulations to prevent contamination. They can be fully customized to meet customer specifications, ensuring they are well-suited to specific installation and production needs.

Our technical team will recommend the appropriate accessories to simplify assembly operations and ensure there are no potential cleaning or washing difficulties. Furthermore, our fabrics are tested according to ATEX regulations to ensure compliance with use in potentially explosive atmospheres.



# Applications

## Centrifuge Filters Nutsche and Pressure Filters

SAATILife products intended for solid-liquid separation in the pharmaceutical market guarantee high efficiency and reliability to maximize product yield, with optimal cake release.

SAATI offers centrifugal filters (centrifuge liners, bags, and inverting filters), nutche filters, and disk filters ready to use, made with a wide range of polymers in single or double-layer fabric configurations. Filtration efficiency, product unloading, and service times are the main strengths of SAATI filters.

We offer full customization to engineer the best configuration for our customers and minimize their maintenance downtime. All SAATILife filters for solid-liquid separation are produced in a class 7 cleanroom according to current GMP 2023/2006 regulations.



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