



SAATibelt

Fabrics for Conveyor
and Dryer Belts

—SAATI

We cross-innovate



SAATI Group and its Filtration Applications

SAATI is a multinational group with corporate headquarters situated in northern Italy since 1935. Today we are a leader in the development, manufacturing and commercialization of advanced technical textiles and chemicals.

SAATI specializes in precise woven fabrics and chemical technologies used in the fields of Filtration, Screen printing, Structural composites and Ballistic protection. The development of enhanced performance coatings lies at SAATI's core.

SAATI - Filtration specializes in the production of technical precision (with monofilament and multifilament yarn) fabrics and components in polyamide, polyester and polypropylene, with special finishing treatments.

The products are used in a wide range of different filtration fields such as, automotive, water, healthcare, app consumer electronics, food & milling, along with many other industrial applications.

SAATibelt® fabrics are constructed from technically advanced fibers, which offer the best in resistance, reliability and life.

They are used in an extensive variety of applications, including textile, tannery, ceramics, screen-printing, packaging, transportation, lamination and food processing.



Focuses on Customer and Innovation

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

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

At SAATI, we have a real attitude for innovation and to a continuous research of processes and materials that make real improvements in production and service. SAATI acts in the market with this attitude, offering sieving and filter fabrics and components that answer to the most demanding needs in filtration application.

Every phase of production is carefully monitored, employing frequent in-house testing and rigorous inspection to ensure consistent quality. All SAATI products are manufactured in accordance with UNI ISO 9001 standards.

SAATibelt

The Industry Standard for Drying & Conveyor Belts



Unsurpassed Customer Support

The quality of Ecofiltra screening fabrics 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.

Compliance of SAATibelt Products Intended to Come into Contact with Food

Compliance of Composition:

Monofilament yarn polymer is in compliance with FDA Code of Federal Regulations (USA), Food and Drugs, Title 21, Part 177 Paragraph 177.1500 and 177.1420 (Indirect food additions: Polymers).



Intended to
Come In Contact
with Food

Compliance of Performance:

Compliance with Regulations 1935/2004/CE & EU 10/2011

Specifically SAATI S.p.A. ensures full traceability throughout the production chain, from raw material to finished products vs. Customer. Mesh is tested in order to verify migration limits as per regulatories concerning plastic materials intended to come in contact with food.

The processes of SAATI S.p.A. are conducted in compliance with specific GMP.

SAATibelt

The Industry Standard for Drying & Conveyor Belts

SAATibelt® Construction

SAATibelt® fabric begins with selecting a fiber to suit the environment in which the belt will be used. Many different fibers, like hydrolysis-resistant polyester, aramid and glass fiber are available to meet the most critical application requirements.

Hundreds of fibers are taken from spools and aligned precisely on beams prior to the weaving operation. The fibers are then drawn through reeds that keep them spaced evenly.

Highly trained and skilled operators weave the fabrics under climate-controlled conditions on computerized looms, many of which have been designed by our own R&D department. Moreover a full repair service for damaged belts can be provided in certain areas.

The woven fabrics are then washed and heat set. This permanently fixes the fabric's physical properties creating dimensional stability. Afterwards, the fabrics can be surface treated or coated with PTFE and metals.

Visit our web site at www.saati.com for complete technical information on the SAATibelt® range of products, to create a quick price quotation, or to place a belt order on-line for the fastest possible delivery.



SAATibelt

The Industry Standard for Drying & Conveyor Belts

Fiberglass Open Mesh (NR)

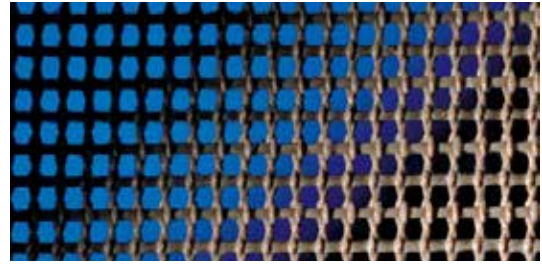
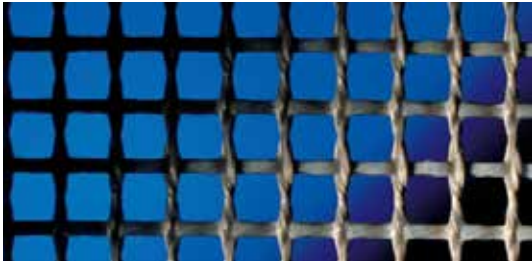
High working temperature resistance is a feature of our open mesh PTFE coated fiberglass belts. 290 NR and 86.

NR SaatiBelts are made from a slow application of multilayered PTFE on glass fiber. The mechanical strength of these belts is lower than belts made from aramid type fabrics, but is offset by the lower cost.

Typical applications are textile, tannery, food, screenprinting and UV dryers, packaging.

Suggested edges for these belts: EK1 (2.5cm wide, PTFE coated Kevlar®) or BS40 (4cm wide, PTFE coated Kevlar®).

Suggested joints: CL1000/1K (Kevlar® PTFE coated for high ventilation and strength resistance), CL2000/1K (Kevlar® PTFE coated suitable for long belts, high mechanical resistance), GSPT (PEEK spiral, high temperature resistance, low joining thickness suitable for shorter belts), CL 4/300G (metal joining with high stability for short precision belts).



SAATibelt

The Industry Standard for Drying & Conveyor Belts

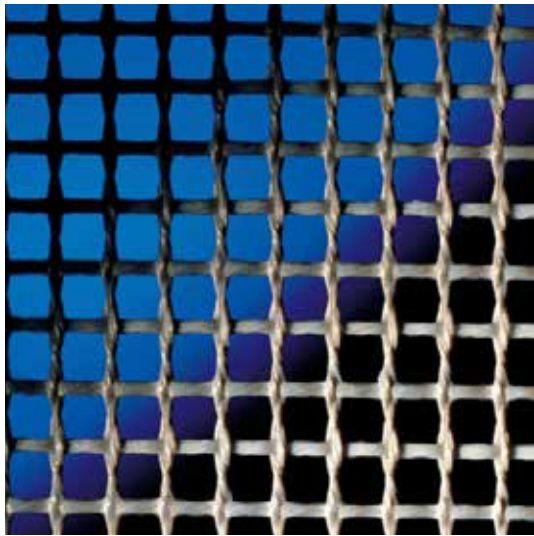
Aramidic Open Mesh (RT)

RT2 SAATibelt products are mesh belts made from PTFE coated aramid fibers (Technora® fiber in warp) duly woven with a copper thread inside which gives them good belt stability. Excellent flexibility makes it a long-lasting life belt that is also suitable for use in high temperature applications, use with acids and where good release properties are required. Due to higher ventilation, the belt run speed can be increased.

Typical applications are textile, tannery, food, screenprinting and UV dryers.

Suggested edges for these belts: EK1 (2.5cm wide, Kevlar® PTFE coated) or BS40 (4cm wide, Kevlar® PTFE coated).

Suggested joints: CL1000/1K (Kevlar® PTFE coated for high ventilation and strength resistance), CL2000/1K (Kevlar® PTFE coated suitable for long belts, high mechanical resistance), GSPT (peek spiral, high temperature resistance, low joining thickness suitable for shorter belts), CL 4/300G (metal joining with high stability for short precision belts).



SAATibelt

The Industry Standard for Drying & Conveyor Belts

Aramidic & Glass Open Mesh (RTH)

RTG 64 and RTG 23 SaatiBelts are a combination of glass and aramid fabric coated with PTFE.

Warp flexibility (in length direction) and humidity resistance are the major features of these belts.

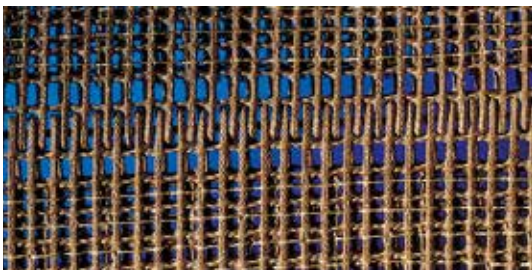
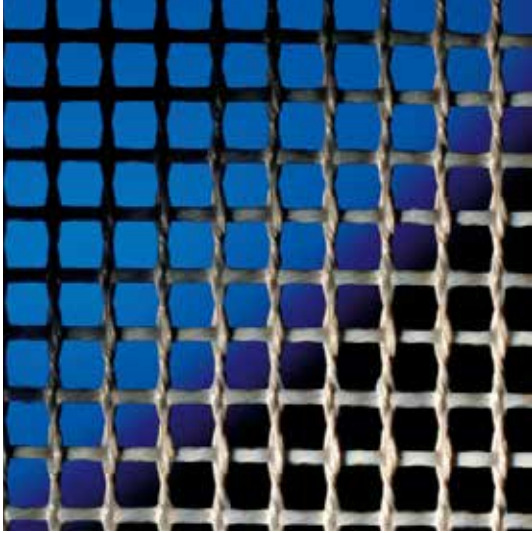
RTG 23 has a single glass fiber in the weft (width) allowing excellent ventilation and good stability.

The double glass fiber of RTG 64 is useful for larger belts with excellent stability and good ventilation. Very good mechanical resistance combined with excellent warp flexibility (Technora® fiber) and weft stability (glass fiber) are two main features of SAATibelt® RTG 64 and RTG 23 making them a long-lasting life belt. An accurate multi-layered PTFE coating allows for high temperature resistance.

Typical applications are textile, tannery, and anywhere high stability and precision belts are requested.

Suggested edges for these belts: EK1 length (2.5cm wide, Kevlar® PTFE coated) or BS40 (4cm wide, Kevlar® PTFE coated).

Suggested joints: CL1000/1K (Kevlar® PTFE coated for high ventilation and strength resistance), CL2000/1K (Kevlar® PTFE coated suitable for long belts, high mechanical resistance), GSPT (peek spiral, high temperature resistance, low joining thickness suitable for shorter belts).



SAATibelt

The Industry Standard for Drying & Conveyor Belts

Kevlar® Solid Woven Fabrics (KNP)

A slow multi-layered PTFE application on the Kevlar® fiber provides a very uniform and smooth surface giving these belts great performance advantages when compared to typical fiberglass solid woven belts, i.e. improved flexibility and mechanical abrasion resistance, minimal initial extension, high thermal tolerance, excellent non-adherence, greater dimensional stability.

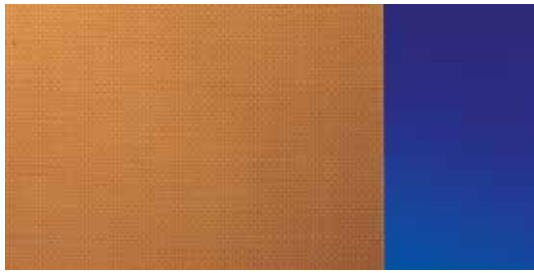
Other fundamental properties of KNP belts are nontoxicity and chemical resistance, making them especially suitable for use in food processing (such as re-heating pre-cooked foods, transporting prepared and packaged food), industrial printing, textile dryers, fabric manufacturing, ceramic and many other industries where high specification fabrics are required. Different thickness are available. Antistatic treatment can be provided on request.

Suggested edges for these belts: EK1 (2.5cm wide, PTFE coated Kevlar®) or BS40 (4cm wide PTFE coated Kevlar®).

Suggested joints: CL 4/300G, CLNPC.

SAATibelt

The Industry Standard for Drying & Conveyor Belts



SAATibelt

The Industry Standard for Drying & Conveyor Belts



**SAATI S.p.A**

Via Milano, 14
22070 Appiano Gentile (Co), Italy
Tel : +39 0319711
Fax: +39 031 933392
E-mail: info.it@saati.com

SAATI Americas Corp.

201 Fairview St. Extension
Fountain Inn, SC 29644
Toll-Free: +1 800 431 2200
Fax: +1 864 862 0089
E-mail: info.us@saati.com

SAATI Technical Fabrics (Tianjin) Co., Ltd.

Cross Of Saida 2nd Branch Road and Saida Century
Avenue,
Xiqing Economic Development Area,
Tianjin, China 300385
Tel: +86 22 23960843
Fax: +86 22 23962116
E-mail: info.cn@saati.com

SAATI Deutschland GmbH

Ostring 22 46348 Raesfeld, Germany
Phone: +49 2865 95800
Fax: +49 2865 958010
E-mail: info.de@saati.com

Website

www.SAATI.com

SAATI Korea Ltd.

22, Dangeong-ro, Gunpo-si Gyeonggi-do, 435-833,
Korea
Phone: +82 31 429 9337
Fax: +82 31 429 9338

SAATI France

74 Route de Bapaume 80360 Saily Saillisel, France
Phone: +33 3 22 85 77 00
Fax: +33 3 22 85 77 00
E-mail: info.fr@saati.com

SAATI Serigrafía Ibérica, S.a.

Pol. Ind. El Mijares, C/ Industria, nº 13 12550
Almazora, Castellón, Spain
Phone: +34 964550688
Fax: +34 964551049
E-mail: info.es@saati.com

SAATI Russia

23 Shvetsova str. 198095 Saint-Petersburg, Russia
Phone: +79 062788343

—SAATI
We cross-innovate