

SAATibelt

Conveyor Belts
For The Textile
Industry

—SAATI

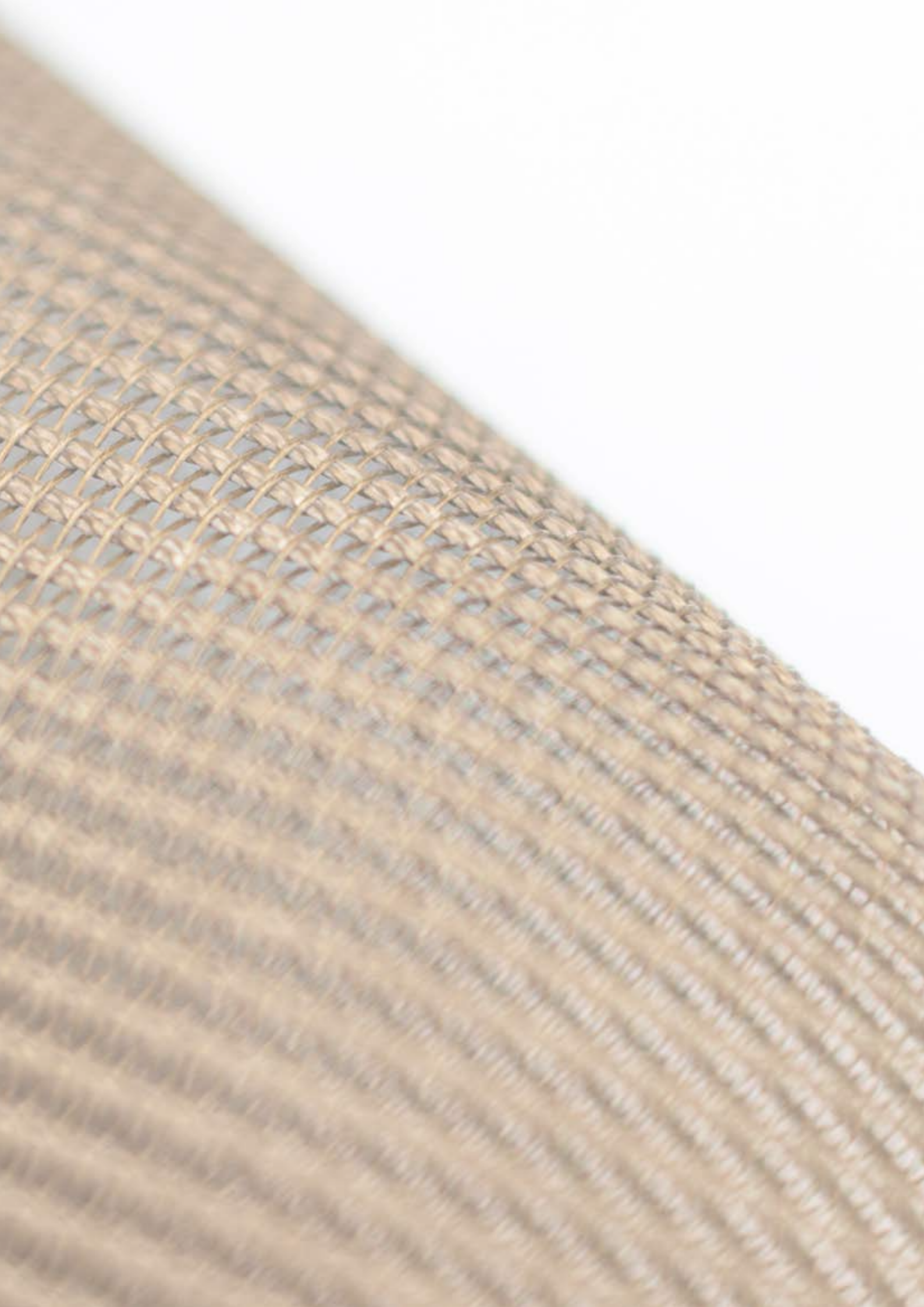


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Company Introduction

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 has more than 40 years experience in manufacturing conveyor and dryer belts, building up a wealth of technical expertise that puts them among the leading suppliers in the world.

The belts are used in a wide variety of applications, including textile, tannery, ceramics, screen-printing, packaging, transportation, lamination and food processing.



Unsurpassed Customer Support

Thanks to our direct presence in many countries, it is easy for 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 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 continuous research of processes and materials that make real improvements in production and service.

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.

The quality of SAATI conveyor belts is backed by the dedication and expertise of our 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.

SAATibelt Textile

The Industry Standard for Drying & Conveyor Belts

SAATibelt® products begin 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 or metals.

As SAATI is situated in Como, Italy, one of the most sophisticated and advanced textile centers in the world, they have benefitted from ongoing technical improvements continually being demanded of them.



Belts

Aramid Open Mesh (RT)

RT2 SAATibelt products are mesh belts made from PTFE coated aramid fibers (Technora® fiber in warp). Excellent flexibility makes it a long-lasting belt that is also suitable for use in high temperature applications, use with acids or where good release properties are required.

Due to higher ventilation, the belt run speed can be increased.

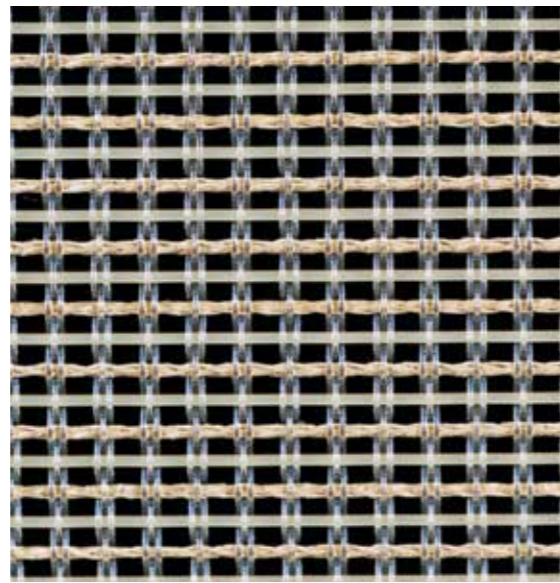
Typical applications are textile, tannery, food, screenprinting and UV dryers.

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).

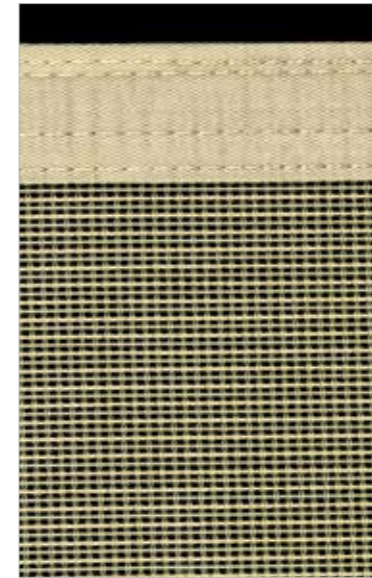


RT2



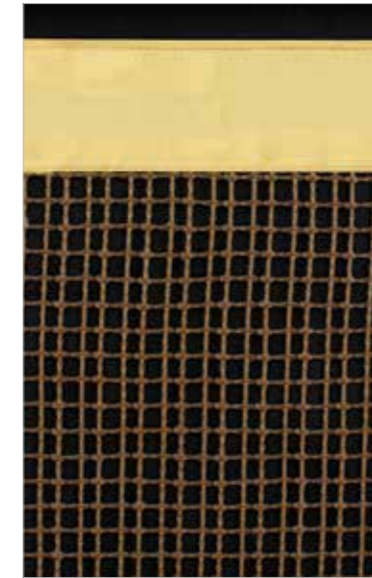
RTP84

Edges



Double Reinforcement

(EPU edge coating + BS 40 Kevlar® fabric stitched over it)

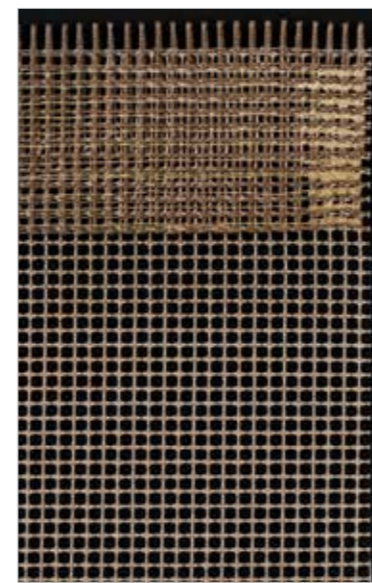


BS40



EK1

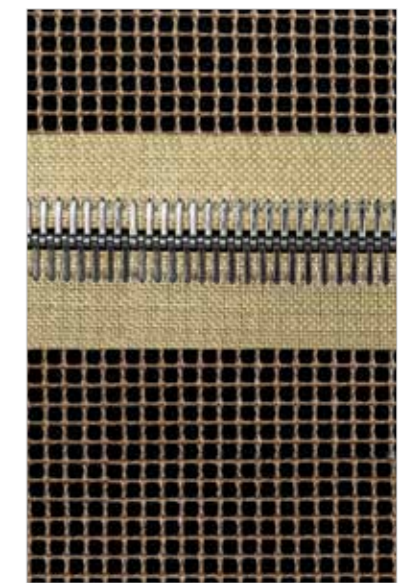
Joints



Bullnose CL 1000 / 1K



GSPT



CL4/300 G

Aramid & Glass Open Mesh (RTG)

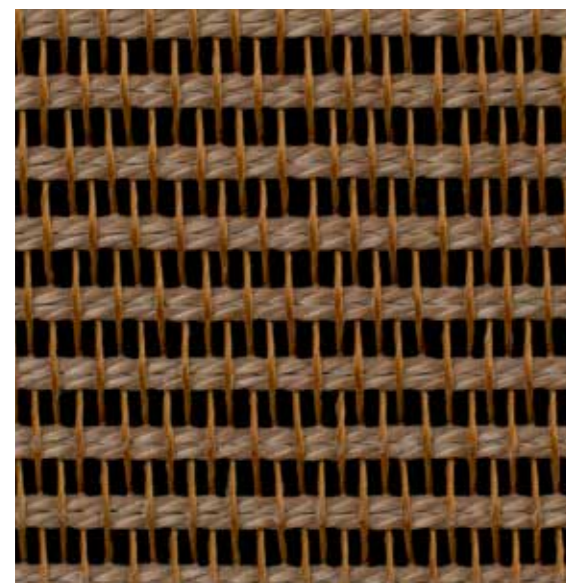
RTG 64 and RTG 23 belts are a combination of glass and aramid fabric coated with PTFE. Warp flexibility (in length direction) and humidity resistance are the major features of these belts.

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

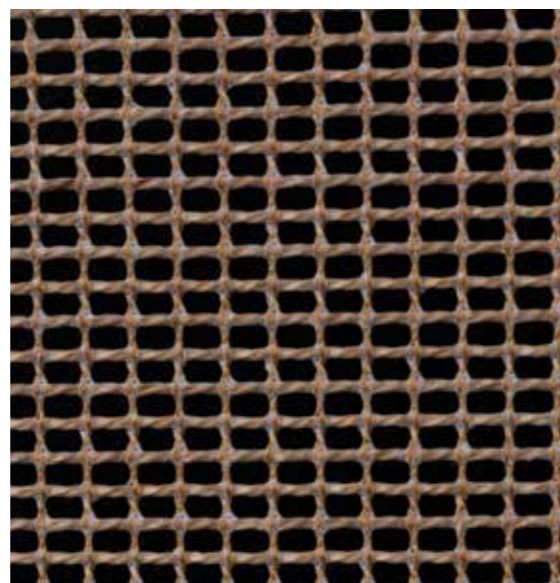
The double glass fiber of RTG 64 is useful for larger belts with excellent stability and good ventilation. Very good mechanical resistance combined with excellent warp flexibility (Technora® fiber) and weft stability (glass fiber) are two main features of SAATIBelt RTG 64 and RTG 23, making them a long-lasting life belt. A uniform multi-layered PTFE coating allows for smoothness. Typical applications include 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).

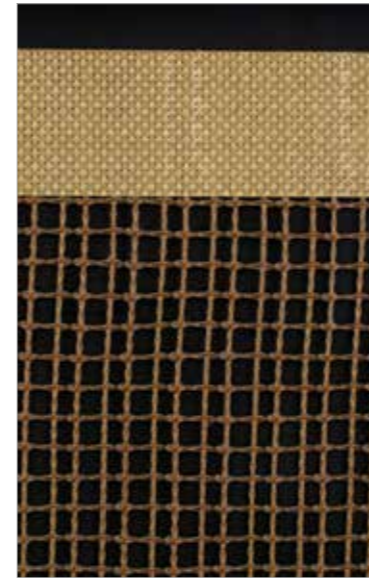


RTG64

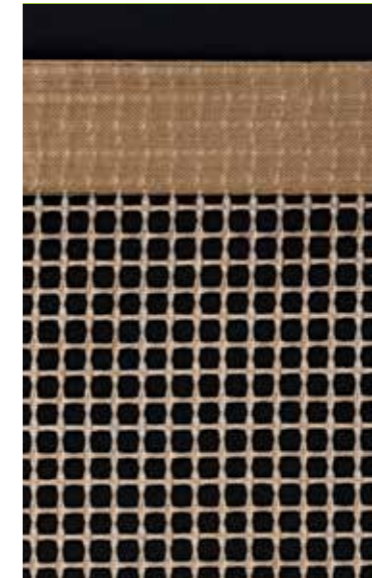


RTG23

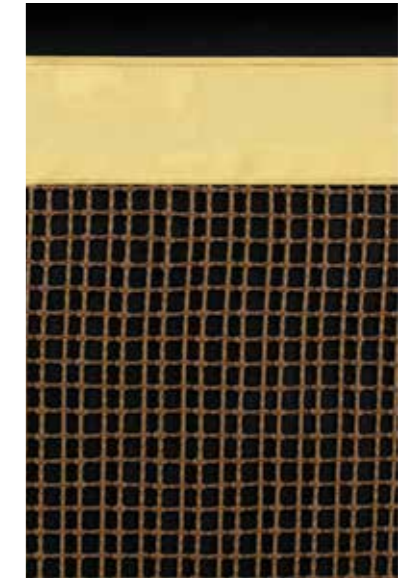
Edges



EK1

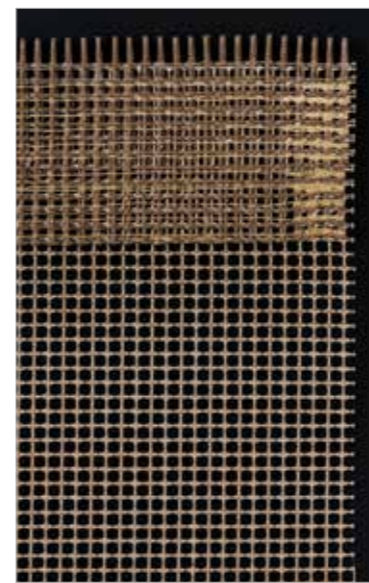


EG1



BS40

Joints



Bullnose CL 1000 / 1K



GSPT



CL4/300 G

Fiberglass Open Mesh (NR)

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

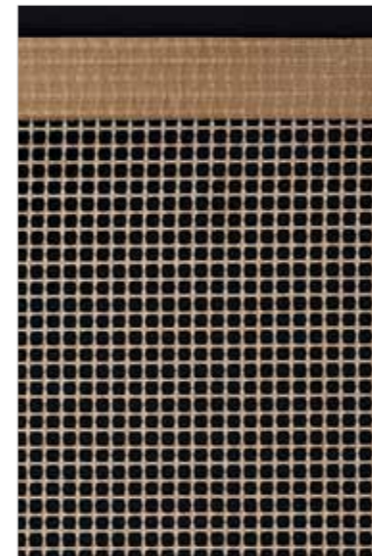
NR belts are made with a slow application of multilayered PTFE on glass fiber. The mechanical strength of these belts is lower than belts made from aramid type fabrics, but this is offset by the lower cost.

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

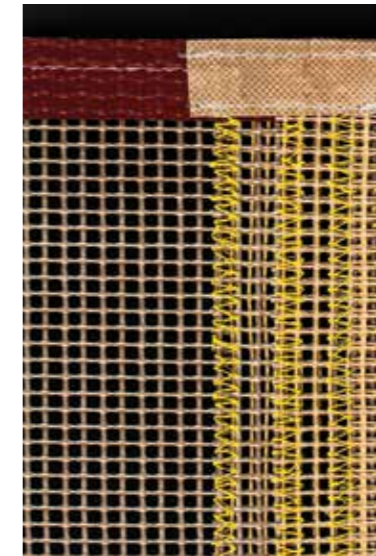
Suggested edges for these belts: EK1 (2.5cm wide, PTFE coated Kevlar®) or BS40 (4cm wide, PTFE coated Kevlar®).

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).

Edges



EG1



Hi-Flex

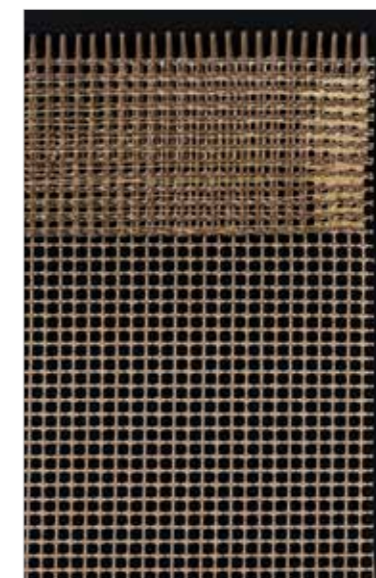


EK1

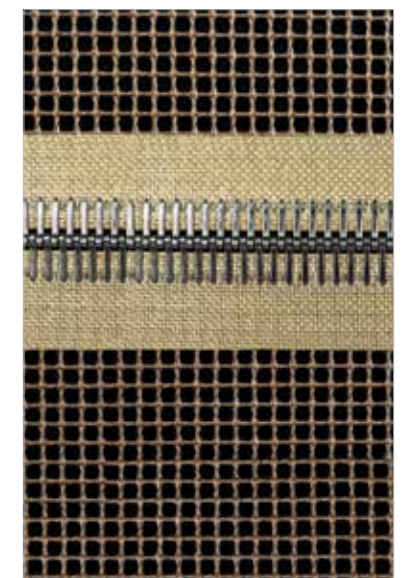
Joints



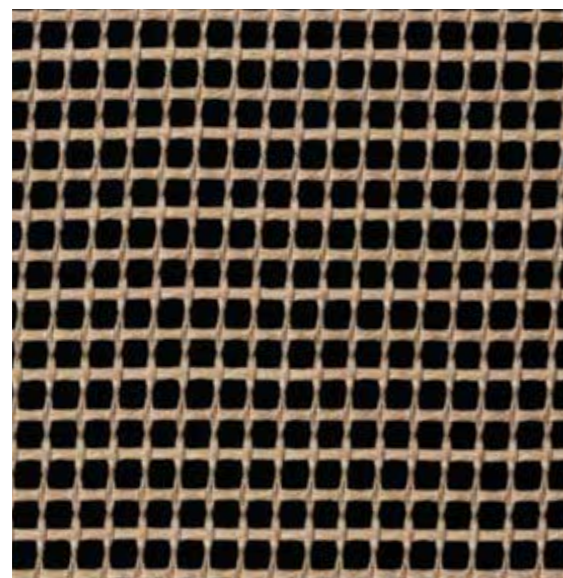
GSPT



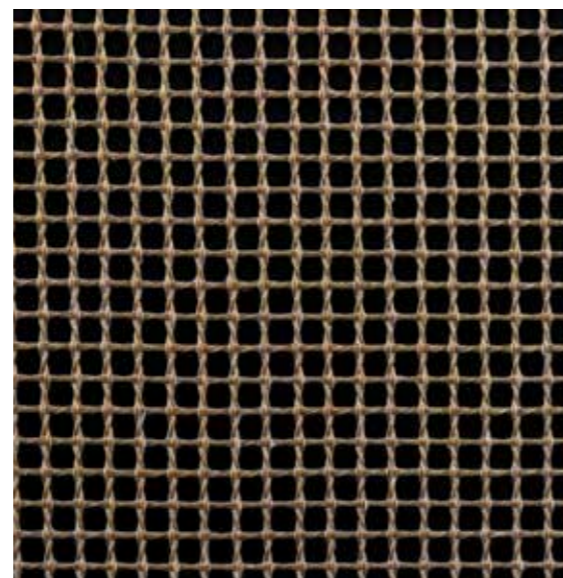
Bullnose CL 1000 / 1K



CL4/300 G



290NR DW



290NR

Polyester Open Mesh (PES)

Manufactured from special monofilament polyester fibers, SAATibelt™ PES 6,5.500 is characterised by high hydrolysis resistance, ease of maintenance, low cost and long life.

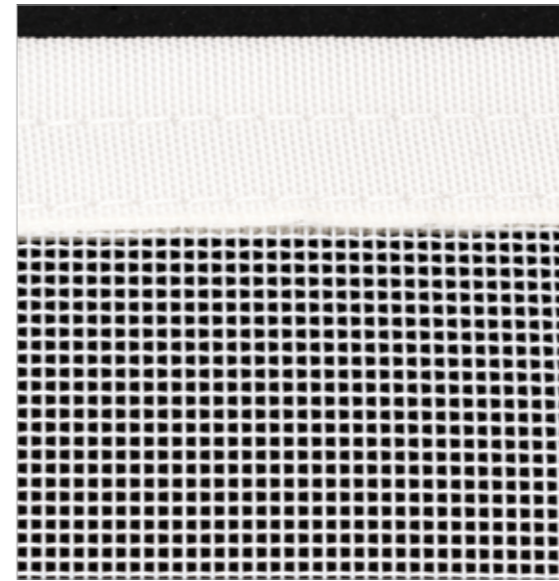
SAATibelt PES TT is constructed from a combination of special monofilament polyester in the warp and multifilament polyester in the weft to form a belt that is ideally suited for slope textile dryers. The surface provides positive transport of the printed web and reduces the problem of replication during slope fabric transportation.

SAATibelt PES 8.400, 9.400 and 12.385 have been designed to enlarge the Textile belts product range.

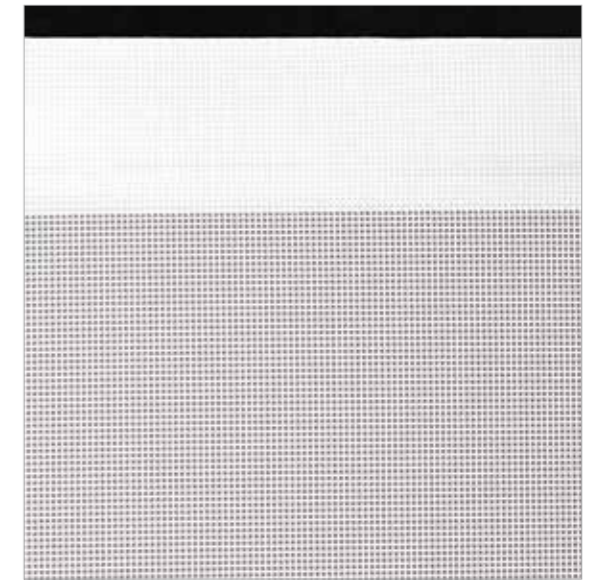
Suggested edges for polyester belts: EPE6 and EPU edges.

Suggested joints: GSPT and CLPE.

Edges



EPE 6

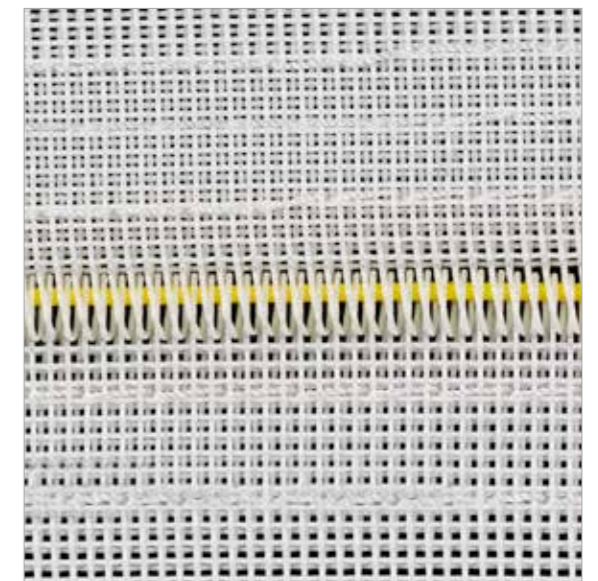


EPU

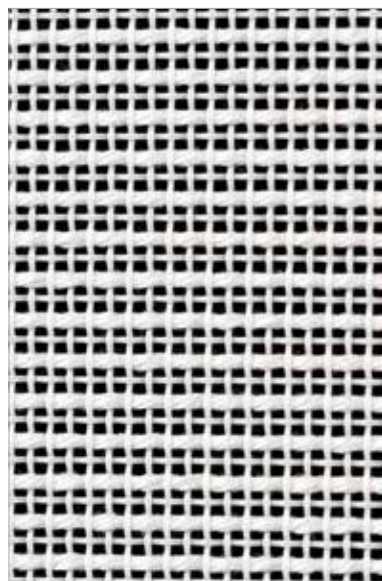
Joints



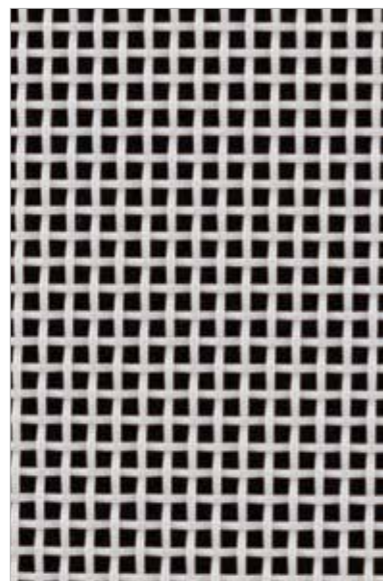
GSPT



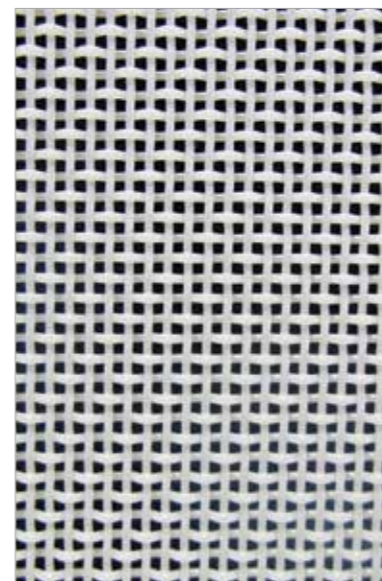
CLPE



PES TT



PES 6,5.500



PES 12.385

SAATibelt Repair Kit

In case of accidental belt degradations (tear, frayed or damaged edges), SAATI offers an easy and effective kit solution to extend the belt life. This kit includes :

- around 1 m² of belt to put on the patches
- one tube of high temperature resistant silicone, in order to reinforce the sewing
- one bobin of Technora high temperature yarn to make the repairs
- some needles for the sewing
- one joint pin to refasten the belt
- few linear meters of edge reinforcement



Belt



Silicone



Technora Bobin



Needles



Joint Pin

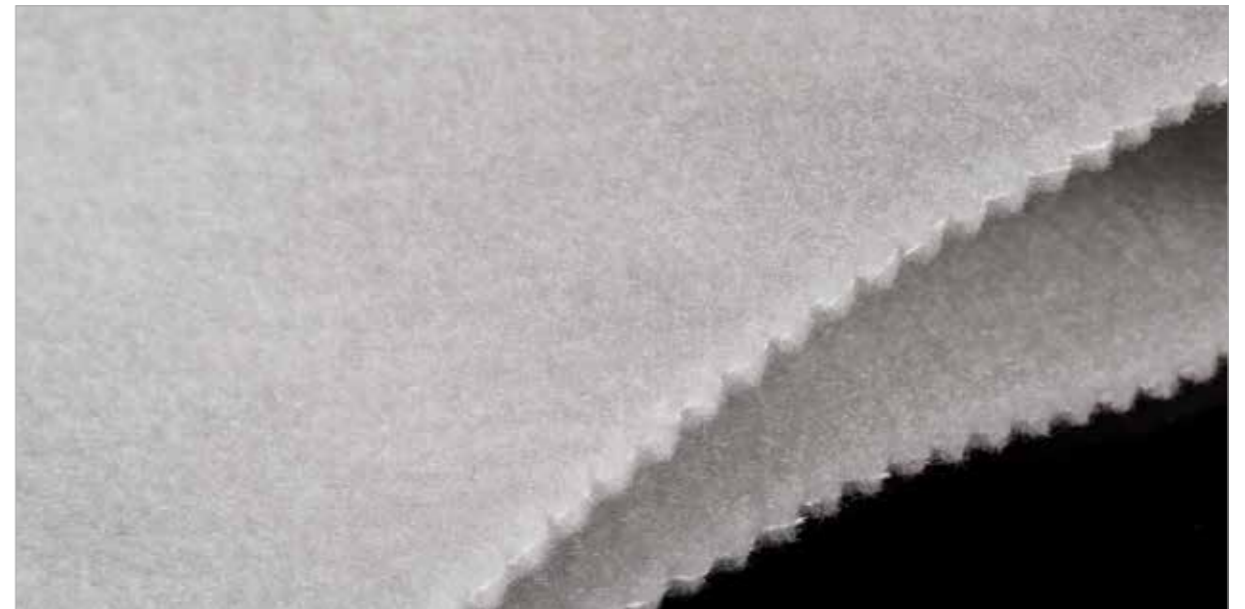


Edge Enforcement



SAATIfelt Material

SAATIfelt is used under the printing blanket in the textile flat bed printing machine. SAATIfelt 950 and 600 are the two standard felts used and are very consistent in terms of thickness, for a uniform high quality print. SAATIfelt products are often used in combination with the SAATibelt PES TT RM under the flat bed printing belt.



SAATIfelt 600



SAATIfelt 950



Applications

Digital, Rotary & Flat Bed Printing Machines

Industrial textile printing is executed with either a digital, rotary or flat bed printing machine with a dryer; this dryer can be equipped with a SAATibelt product. The rotary screen printing machine is still the fastest machine for high volume production, such as upholstery and bed sheeting printing.

The dryer has two purposes : to fix the colorants on the fabric and to dry the fabric. The primary brands that SAATibelt are designed for include EFI REGGIANI, ZIMMER, MS PRINTING, DURST, SPG PRINTS and BUSER.

Relevant SAATibelt materials:

[RPT 84](#) | [RT 2](#)

[RTG 64](#) | [RTG 23](#) |

[290 NR](#) | [290 NR DW](#) | [290 NR ANT](#) | [120 NR DW](#) | [86NR](#)

[PES TT](#) | [PES 12.385](#) | [PES 8.400](#) | [PES 9.400](#) | [PES 6,5.500](#)

[SAATifelt 950](#) | [SAATifelt 600](#)

[PES TT RM](#)



Screen Printing and UV Dryers

Compact dryers using in Screen Printing to dry ink on garments after decoration.

Relevant SAATibelt materials:

[RT 2](#)

[290 NR ANT](#)

[290 NR](#)



Relax Dryers

Relax Dryers are mostly used for knitted fabrics (polo shirt and t-shirt processing) and can be equipped with SAATlbelt products. The dryer's purpose is to heat set the garment without the use of tension. The main manufacturer brands that SAATlbelt products are used for include SANTEX, MONFORTS, BRUCKNER, UNITECH, SAVALDE, DILMENLER, TUBETEX and ALBRECHT.

Relevant SAATlbelt materials:

[RTG 23](#)

[290 NR](#)

[290 NR DW](#)

[520 NR DW](#)



Knit: Exit of Compactors

A compactor or compacting machine is used only for knitted fabrics (polo shirt and t-shirt processing) and is equipped with an exit SAATlbelt product. The textile compactor has two purposes: to prevent shrinkage after washing and to improve hand feel. The main manufacturer brands that SAATlbelt products are used in include are FERRARO, LAFER, BIANCO, SINTEC, SANTEX, SERTEKS, BRUCKNER and ALBRECHT.

Relevant SAATlbelt materials:

[RTG 23](#)

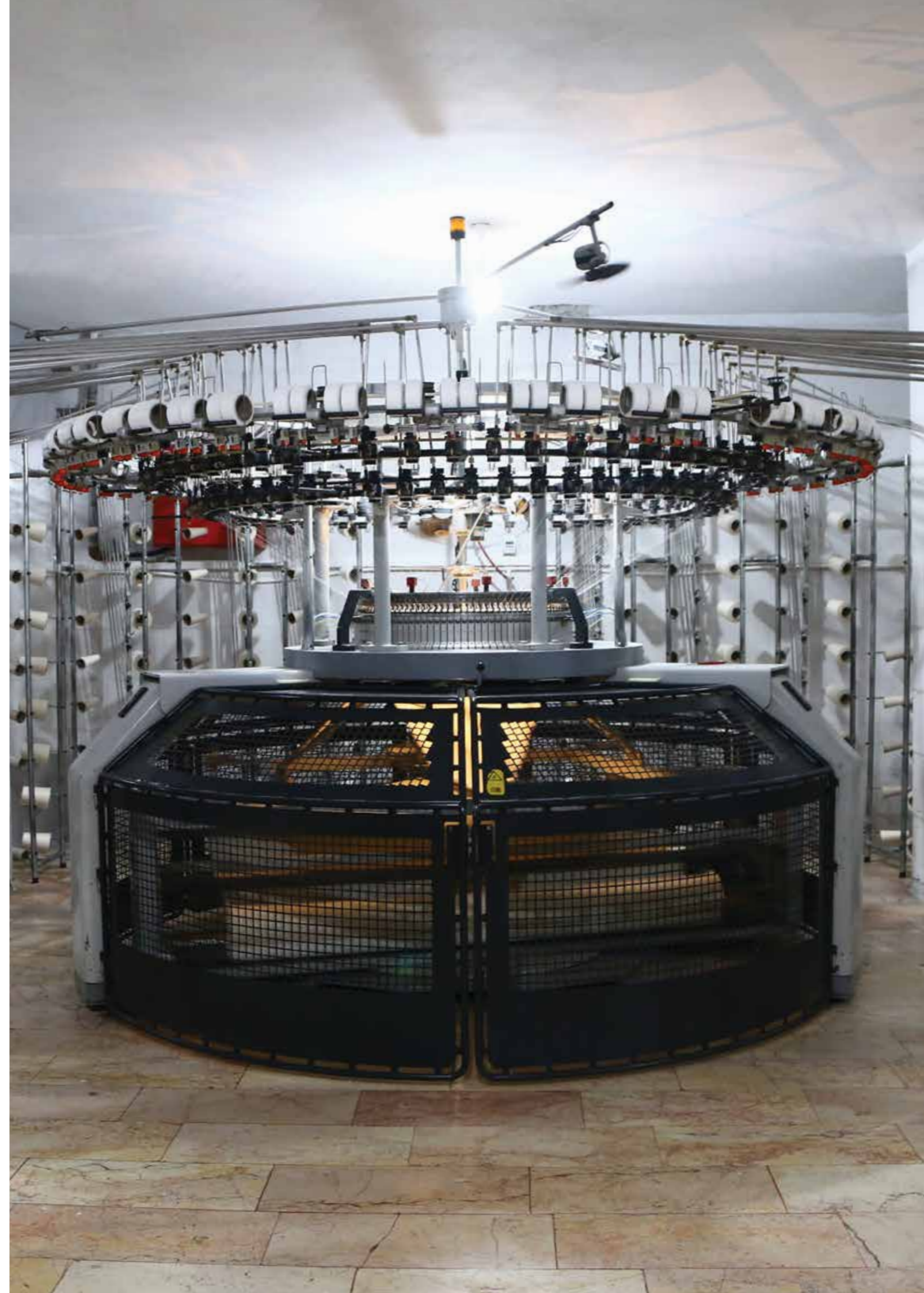
[290 NR](#)

[290 NR DW](#)

[120 NR DW](#)

[Spyral 2500](#)

[PES 4000](#)



Wool: Exit of KD Decatizing Machines and Steamers

KD Decatizing machines and steamers are used only for wool fabric finishing (mostly suits) and are equipped with an exit SAATlbelt product. These machines have two purposes: to modify the shining and to improve the hand feel of the wool fabric. The main manufacturer brands that SAATlbelt products are used in include BIELLA SHRUNK PROCESS, TMT, SPEROTTO RIMAR, M-TEC and RED CARPET.

Relevant SAATlbelt materials:

[PES TT](#)

[PES 12.385](#)

[PES 8.400](#)

[PES 9.400](#)

[PES 6,5.500](#)

[PES 2500](#)

[Spyral 2500](#)



Nonwovens - Thermobonding Dryers

Thermobonding ovens are used to manufacture mattress fillings and building & automotive insulation, and they are equipped with two SAATibelt products. Thermobonding dryers melt the fibers together in order to create a roll, and SAATibelt products calibrate the thickness of the web. The main manufacturer brands for which SAATibelt products are used include SCHOTT & MEISSNER, BOMBI MECCANICA, AUTEFA, SANTEX, TRUETZSCHLER and BRUCKNER.

Relevant SAATibelt materials:

[RTG 64](#)

[RTG 23](#)

[290 NR](#)

[290 NR DW](#)

[86 NR](#)

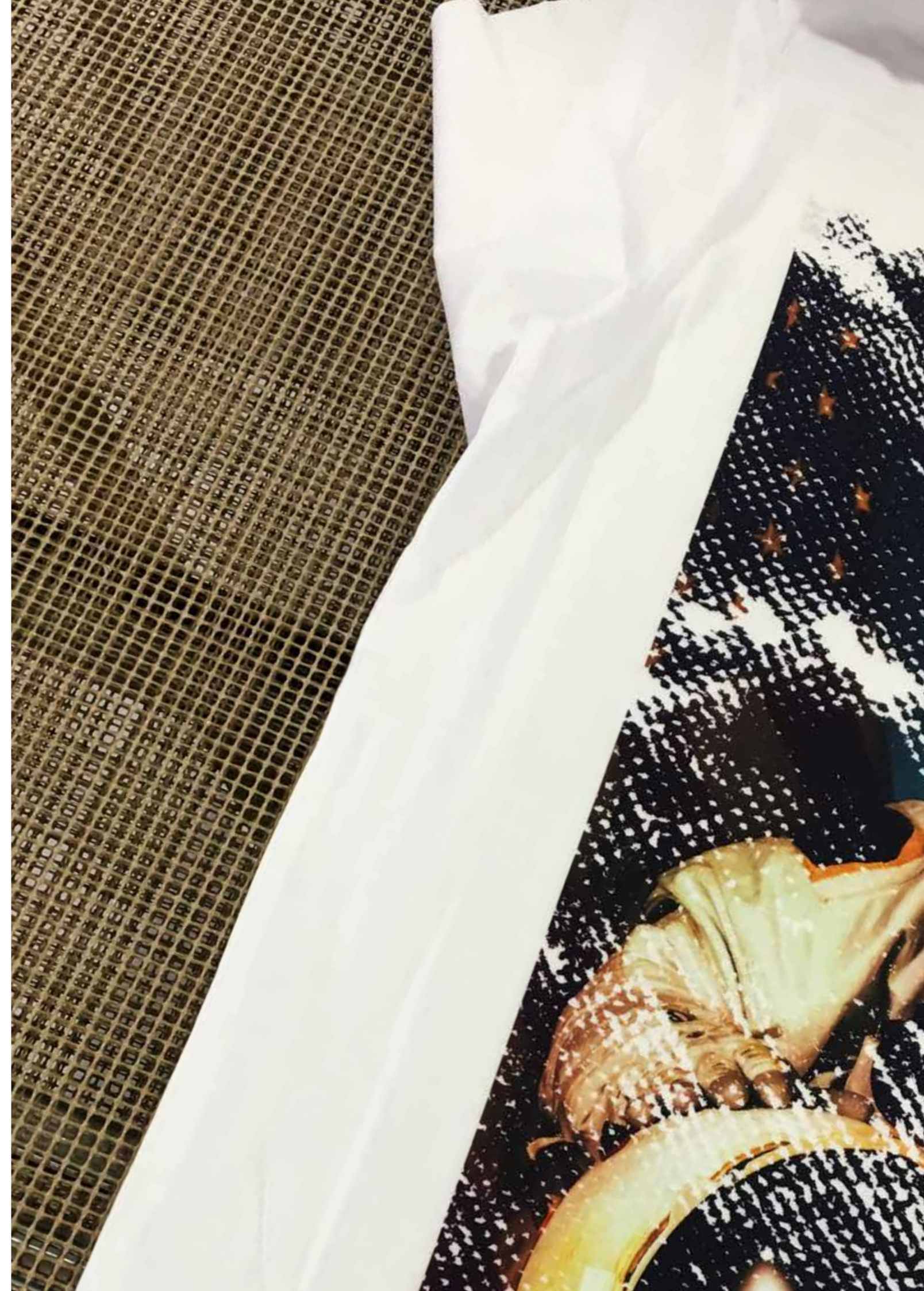
[120 NR DW](#)

[520 NR DW](#)



Materials by Application Chart

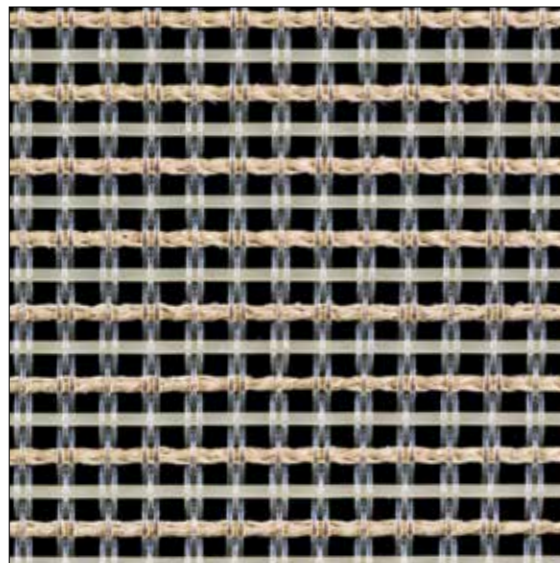
SAATibelt Product	Digital, rotary and flat bed printing machines	Screen printing and UV dryers	Relax Dryers	Knits: Exit of compactors	Wool: Exit of the KD decatizing machines & Steamers	Nonwovens: Thermobonding dryers
SAATibelt RPT 84	X					
SAATibelt RT 2	X	X				
SAATibelt RTG 64	X					X
SAATibelt RTG 23	X		X	X		X
SAATibelt 290 NR	X	X	X	X		X
SAATibelt 290 NR DW	X		X	X		X
SAATibelt 290 NR ANT	X	X				
SAATibelt 86 NR	X					X
SAATibelt 120 NR DW	X			X		X
SAATibelt 520 NR DW			X			X
SAATibelt PES TT	X				X	
SAATibelt PES 12.385	X				X	
SAATibelt PES 8.400	X				X	
SAATibelt PES 9.400	X				X	
SAATibelt PES 6,5.500	X				X	
SAATibelt Spyrat 2500				X	X	
SAATibelt PES 2500					X	
SAATibelt PES 4000				X		
SAATifelt 950	X					
SAATifelt 600	X					
SAATibelt PES TT RM	X					



Product Specifications

SAATibelt RPT84

The Ultimate Solution for Rotary Textile Printing Machine



Characteristics

- High temperature resistance
- High mechanical resistance
- High chemical resistance

Fiber		Mesh Opening	Open Area	Thickness	Weight	Tensile Strength Warp / Weft	Elongation Warp / Weft	Max. Working Temperature	Air Permeability @200mmWG
Warp/Weft	Weft	μm	%	μm	g/m ²	N/5cm	%	°C	l/m ² /s
PPS	Technora® Copper	1850	38	1745	587	1500/5500	18-35 / 5-15	200	8730

The listed technical specifications are referred to mean values of production samples.
In accordance with our policy of continuously improving our products, the above technical specifications are subject to change without notice.

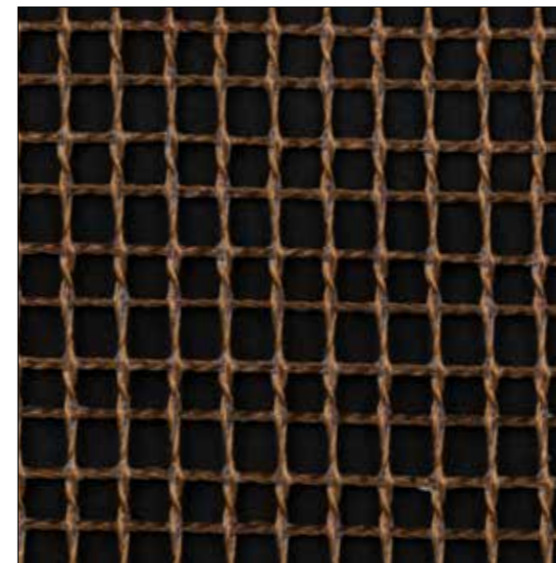
Technora® is a registered trademark of TEIJIN.

Applications

- [Printing Machines](#)

SAATibelt RT2

Special Technora® Fibers for Belting Applications



Characteristics

- High tensile strength
- Fatigue resistance
- Dimensional stability
- Heat resistance
- High chemical resistance

Fiber	Geometry	Weight	Available Widths	Max. Working Temperature	Accessories	Air Permeability @200mmWG
	mm	g/m ²	mm	°C		l/m ² /s
PTFE coated Technora® with copper	Square mesh 4x4	345	up to 2700 (complete belts)	250	sealed and sewn aramid edges: PTFE coated Technora® joint	15960

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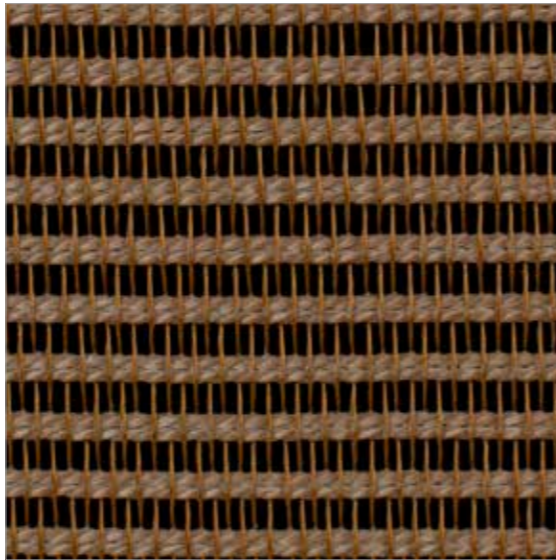
Technora® is a registered trademark of TEIJIN.

Applications

- [Printing Machines](#)
- [Screen Printing and UV Dryers](#)

SAATibelt RTG64

Special Technora® and Glass Fibers for Belting Applications



Characteristics

- High tensile strength
- Fatigue resistance
- Dimensional stability
- Heat resistance
- Chemical resistance

Fiber	Weight	Available Widths	Max. Working Temperature	Accessories	Air Permeability @200mmWG
	g/m ²	mm	°C		l/m ² /s
PTFE coated combination of Technora® and glass fiber	840	up to 3700 (complete belts)	250	sealed and sewn aramid edges: PTFE coated Technora® joint	6643,3

The listed technical specifications are referred to mean values of production samples.
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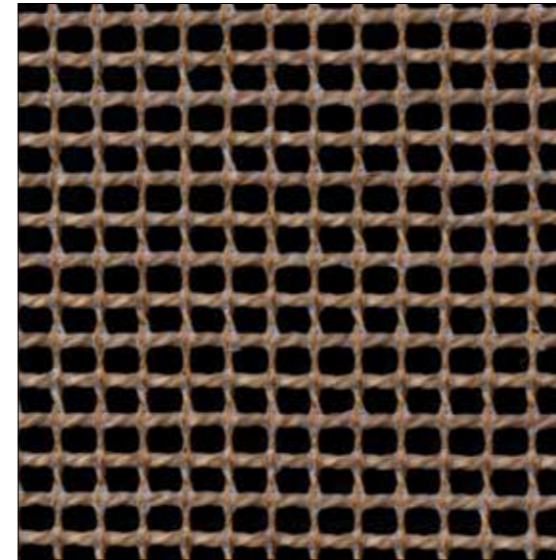
Technora® is a registered trademark of TEIJIN.

Applications

- [Printing Machines](#)
- [Thermobonding Dryers](#)

SAATibelt RTG23

Special Technora® and Glass Fibers for Belting Applications



Characteristics

- High tensile strength
- Fatigue resistance
- Dimensional stability
- Heat resistance
- Chemical resistance

Fiber	Weight	Available Widths	Max. Working Temperature	Accessories	Air Permeability @200mmWG
	g/m ²	mm	°C		l/m ² /s
PTFE coated combination of Technora® and Glass Fiber	620	up to 2700 (complete belts)	250	sealed and sewn aramid edges: PTFE coated Technora® joint	9400

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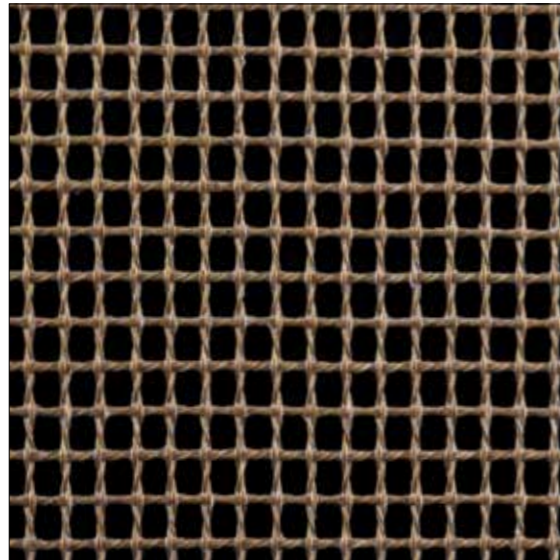
Applications

- [Printing Machines](#)
- [Relax Dryers](#)
- [Compactors](#)
- [Thermobonding Dryers](#)

SAATibelt 290NR

Competitive Solution for Belting Applications

SAATibelt 290NR is expressly designed as an entry-level conveyor belt for the traditional and competitive textile screen printing dryers.



Characteristics

- Excellent price/performance ratio
- Consistent SAATI Quality
- Good strength
- Lot-to-lot consistency
- Good dimensional stability
- Available in antistatic black for application like UV dryers
- Customization options (studs, cable guide, eyelets, stuffing box)

Fiber	Coating	Geometry	Weight	Available Widths	Max. Operating Temperature	Air Permeability @200mmWG	Accessories
		mm	g/m ²	mm	°C	l/m ² /s	
glass	PTFE	Square Mesh 4x4	460	up to 3350	260	15960	Guide systems (Studs, Grommets, Braid)

The listed technical specifications are referred to mean values of production samples.
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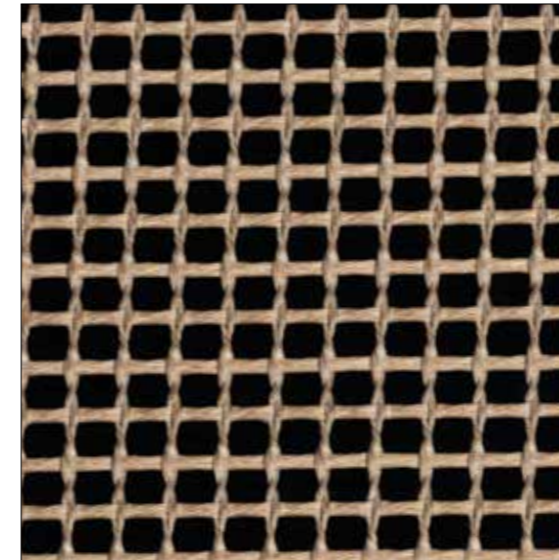
Applications

- [Printing Machines](#)
- [Screen Printing and UV Dryers](#)
- [Relax Dryers](#)
- [Compactors](#)
- [Thermobonding Dryers](#)

SAATibelt 290NR DW

Competitive Solution for Belting Applications

SAATibelt 290NR is expressly designed as an entry-level conveyor belt for the traditional and competitive textile screen printing dryers.



Characteristics

- Double Weft for higher stability with wide widths
- Excellent price/performance ratio
- Consistent SAATI Quality
- Good strength
- Lot-to-lot consistency
- Good dimensional stability
- Available in antistatic black for application like UV dryers
- Customization options (studs, cable guide, eyelets, stuffing box)

Fiber	Coating	Geometry	Weight	Available Widths	Max. Operating Temperature	Air Permeability @200mmWG	Accessories
		mm	g/m ²	mm	°C	l/m ² /s	
glass	PTFE	Square Mesh 4x4	580	up to 3600	260	9790	Guide systems (Studs, Grommets, Braid)

The listed technical specifications are referred to mean values of production samples.
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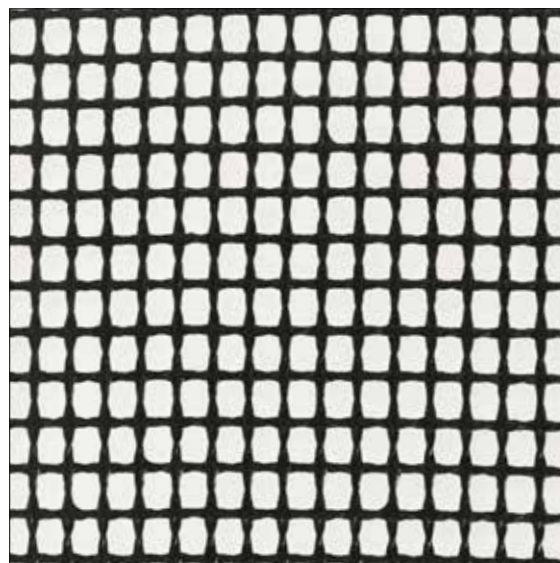
Applications

- [Printing Machines](#)
- [Relax Dryers](#)
- [Compactors](#)
- [Thermobonding Dryers](#)

SAATibelt 290NR ANT

Competitive Solution for Belting Applications

SAATibelt 290NR Antistatic is expressly designed as an entry-level conveyor belt for the traditional and competitive textile screen printing dryers.



Characteristics

- Excellent price/performance ratio
- Consistent SAATI Quality
- Good strength
- Lot-to-lot consistency
- Good dimensional stability
- Available in antistatic black for application like UV dryers
- Customization options (studs, cable guide, eyelets, stuffing box)

Fiber	Coating	Open Area	Weight	Thickness	Available Widths	Operating Temperature	Surface Resistivity	Air Permeability @200mmWG	Accessories
		%	g/m ²	μm					
glass	PTFE	65	460	950	up to 3350	73/+260	≤10	15960	Guide systems (Studs, Grommets, Braid)

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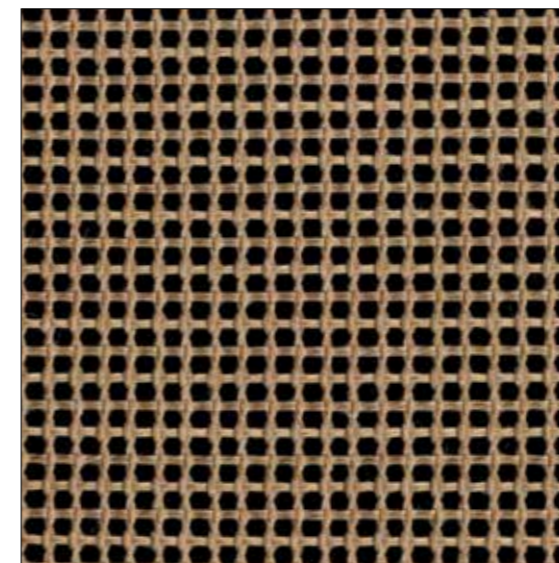
Applications

- [Printing Machines](#)
- [Screen Printing and UV Dryers](#)

SAATibelt 86NR

Competitive Solution for Belting Applications

SAATibelt 86NR is expressly designed as an entry-level conveyor belt for the traditional and competitive textile screen printing dryers. Thanks to small pore size, SAATibelt 86NR is the best solution for large scale production when carriage of large amount of fabrics is a critical point.



Characteristics

- Excellent price/performance ratio
- Consistent SAATI Quality
- Good strength
- Lot-to-lot consistency
- Good dimensional stability
- Customization options (studs, cable guide, eyelets, stuffing box)

Fiber	Coating	Geometry	Weight	Available Widths	Max. Operating Temperature	Air Permeability @200mmWG
		mm	g/m ²			
glass	PTFE	Square Mesh 2x2	460	3600	250	7 153.3

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Applications

- [Printing Machines](#)
- [Thermobonding Dryers](#)

SAATibelt 120NR DW

Competitive Solution for Belting Applications

SAATibelt 120NR DW is expressly designed as an entry-level conveyor belt for the traditional and competitive textile screen printing dryers.



Characteristics

- Closed mesh opening for reduced fiber build up and strength
- Double Weft for higher stability with wide widths
- Excellent price/performance ratio
- Consistent SAATI Quality
- Good strength
- Lot-to-lot consistency
- Good dimensional stability
- Customization options (studs, cable guide, eyelets, stuffing box)

Fiber	Coating	Geometry	Weight	Available Widths	Max. Operating Temperature	Air Permeability @200mmWG	Accessories
		mm	g/m ²	mm	°C	l/m ² /s	
glass	PTFE	Mesh 2x3	886	3350	260	5470	Guide systems (Studs, Grommets, Braid)

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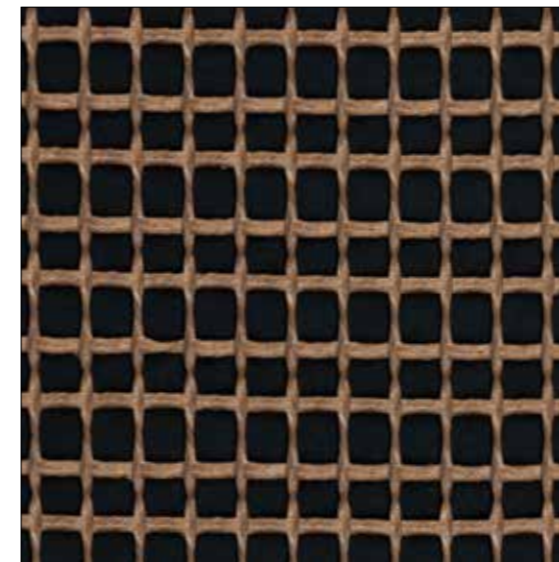
Applications

- [Printing Machines](#)
- [Compactors](#)
- [Thermobonding Dryers](#)

SAATibelt 520NR DW

Competitive Solution for Belting Applications

SAATibelt 520NR DW is expressly designed as an entry-level conveyor belt for the traditional and competitive textile screen printing dryers.



Key-Features:

- Double Weft for higher stability with wide widths
- Very big mesh opening for high air circulation in the dryer
- Excellent price/performance ratio
- Consistent SAATI Quality
- Good strength
- Lot-to-lot consistency
- Good dimensional stability
- Customization options (studs, cable guide, eyelets, stuffing box)

Fiber	Coating	Geometry	Weight	Available Widths	Max. Operating Temperature	Air Permeability @200mmWG	Accessories
		mm	g/m ²	mm	°C	l/m ² /s	
glass	PTFE	Square Mesh 7x7	560	3350	260	11500	Guide systems (Studs, Grommets, Braid)

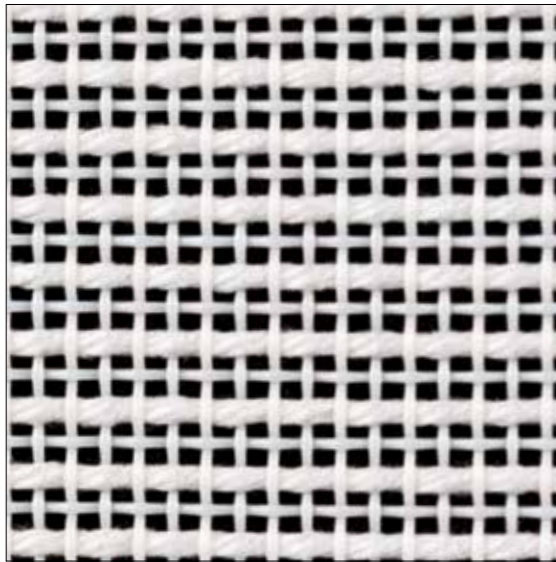
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Applications

- [Relax Dryers](#)
- [Thermobonding Dryers](#)

SAATibelt PES TT

Belting Solution for Textile Processing



Characteristics

- Slip-proof surface
- High tensile strength
- High precision consistency
- Smooth surface
- Excellent dimension stability
- Edge and joint customization
- Smooth PES fiber

Warp / Weft Composition	Mesh Opening	Open Area	Weight	Thickness	Available Widths	Max. Working Temperature	Air Permeability @200mmWG
	µm	%	g/m ²	µm	mm	°C	l/m ² /s
Polyester	775	29	540	745	up to 2500	150	5800

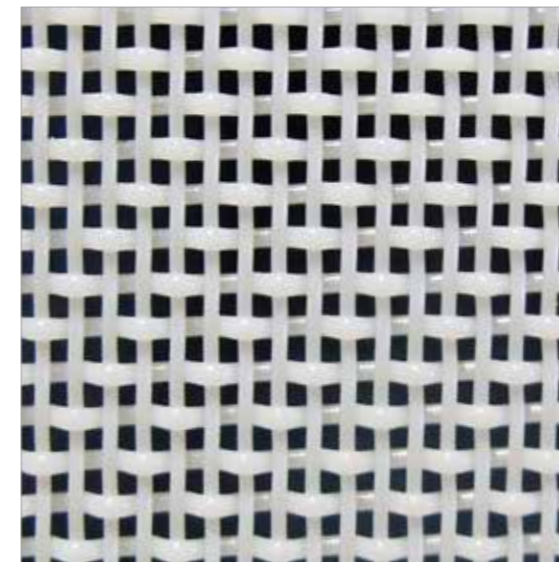
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Applications

- [Printing Machines](#)
- [KD Decatizing & Steamers](#)

SAATibelt PES 12.385

Belting Solution for Textile Drying



Characteristics

- High tensile strength
- Excellent dimension stability
- Smooth surface
- FDA approved polymer
- Available in white color
- Edge and joint customization

Fiber	Mesh Opening	Open Area	Mesh Count		Thread Diameter	Weight	Thickness	Available Widths	Max. Working Temperature	Air Permeability @200mmWG
	µm	%	n/cm	n/inch	µm	g/m ²	µm	mm	°C	l/m ² /s
PES	500	32	12	30	500	400	750	up to 3600	150	7750

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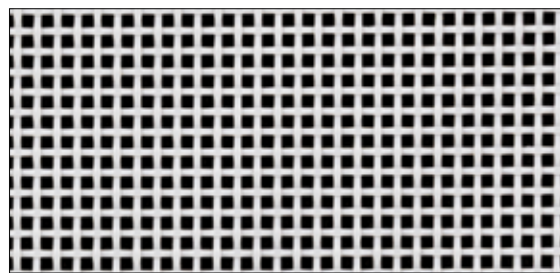
PES (PET)= Polyester

Applications

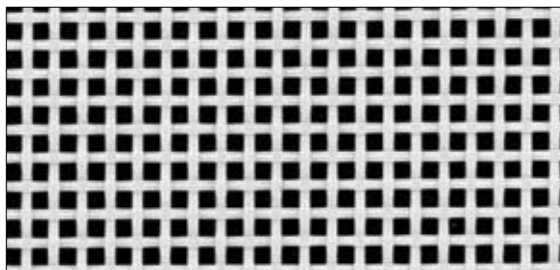
- [Printing Machines](#)
- [KD Decatizing & Steamers](#)

SAATibelt PES 8.400-9.400

Belting Solution



SAATibelt PES 9.400



SAATibelt PES 8.400

Characteristics

- High tensile strength
- Excellent dimension stability
- Smooth surface
- Hydrolysis resistance
- Excellent protection from moisture
- FDA polymer approved
- Washable
- Edge and joint customization

Product Name	Fiber	Mesh Opening	Open Area	Thread Diameter	Weight	Thickness	Available Widths	Max. Working Temperature	Air Permeability @200mmWG
		µm	%	µm					g/m ²
SAATibelt PES 8.400	PES	870	47	403	290	745	up to 2500	140	11000
SAATibelt PES 9.400	PES	710	41	405	320	735	up to 2500	140	9000

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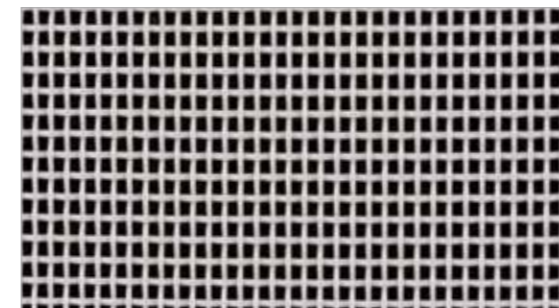
PES (PET)= Polyester

Applications

- [Printing Machines](#)
- [KD Decatizing & Steamers](#)

SAATibelt PES 6,5.500

All-Purpose Solution for Drying



Characteristics

- High tensile strength
- Hydrolysis resistance
- Smooth surface
- FDA approved polymer
- Available in rolls
- Dyeing customization
- Edge and joint customization

Fiber	Mesh Opening	Open Area	Mesh Count		Thread Diameter	Weight	Thickness	Available Widths	Max. Working Temperature	Air Permeability @200mmWG
	µm	%	n/cm	n/inch	µm					g/m ²
PES	1000	44	6,5	17	500	365	950	up to 3500	140-150	12200

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PES (PET)= Polyester

Applications

- [Printing Machines](#)
- [KD Decatizing & Steamers](#)

SAATibelt Spyral 2500

Seamless Solution for Belting



Characteristics

- Seamless
- Jointless
- Smooth surface
- Good flexibility
- Available in white color

Fiber	Weight	Tensile Strength		Mesh Enlogation		Max. Operating Temperature	Air Permeability @200mmWG
	g/m ²	Warp [N/20cm]	Weft [N/20cm]	Warp [%]	Weft [%]	°C	l/m ² /s
Polyester	460	3590	2440	18	35	140	7150

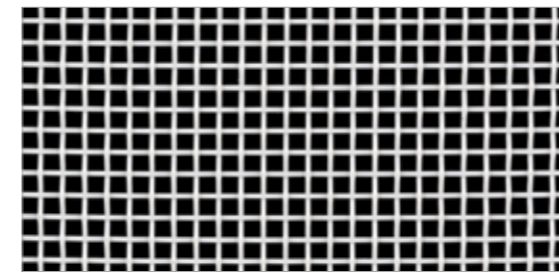
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Applications

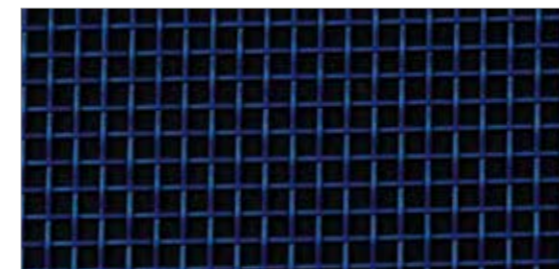
- [Compactors](#)
- [KD Decatizing & Steamers](#)

SAATibelt PES 2500-4000 Blue

Belting Solution



SAATibelt PES 2500



SAATibelt PES 4000 Blue

Characteristics

- Slip-proof surface
- High tensile strength
- High precision consistency
- Smooth surface
- Excellent dimensional stability
- Edge and joint customization
- Smooth PES fiber

Product Name	Mesh Opening	Open Area	Thread Diameter	Weight	Thickness	Available Widths	Max. Working Temperature	Air Permeability @200mmWG
	µm	%	µm	g/m ²	µm	mm	°C	l/m ² /s
SAATibelt PES 2500	2500	56	800	450	1800	up to 3400	120	14990
SAATibelt PES 4000 Blue	4000	64	1000	459,5	2230	up to 2600	120	15980

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PES (PET)= Polyester

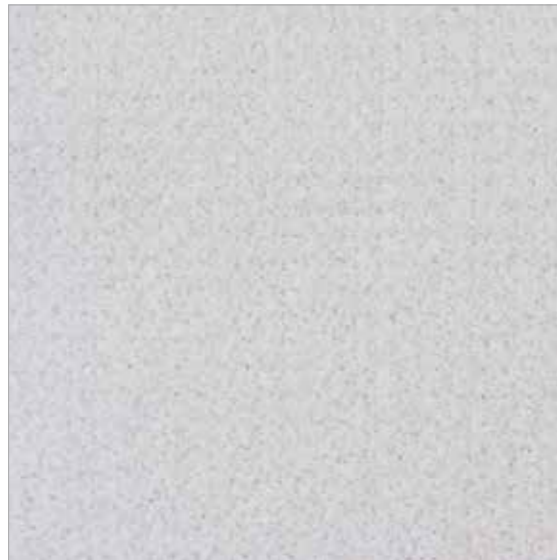
Applications

- [Compactors](#)
- [KD Decatizing & Steamers](#)

SAATIfelt 950

Felt for Textile Printing Machines

SAATIfelt 950 is a needle punched felt that goes under the printing blanket of the flat bed printing machine.



Characteristics

- Excellent evenness and uniformity for very accurate textile printing on the flat bed printing machine
- Very strong tensile strength for dimensional stability and consistent performances

Fiber	Weight	Thickness	Max. Working Temperature	Air Permeability @200mmWG
	g/m ²	mm	°C	l/m ² /s
Polyester	950	4,9	180	600

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Applications

- [Printing Machines](#)

SAATIfelt 600

Felt for Textile Printing Machine

SAATIfelt 600 is a needle punched felt that goes under the printing blanket of the flat bed printing machine.



Characteristics

- Excellent evenness and uniformity for very accurate textile printing on the flat bed printing machine
- Very strong tensile strength for dimensional stability and consistent performances

Fiber	Weight	Thickness	Max. Working Temperature	Air Permeability @200mmWG
	g/m ²	mm	°C	l/m ² /s
Polyester	600	4	180	950

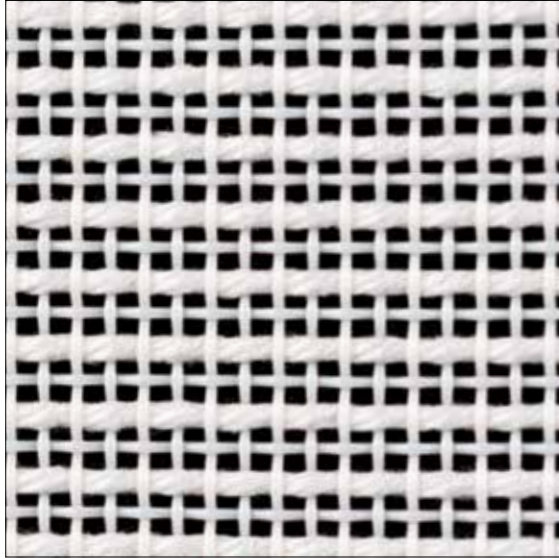
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Applications

- [Printing Machines](#)

SAATibelt PES TT RM

Mesh which combines with the SAATIfelt under the flat bed printing machine's printing blanket.



Characteristics

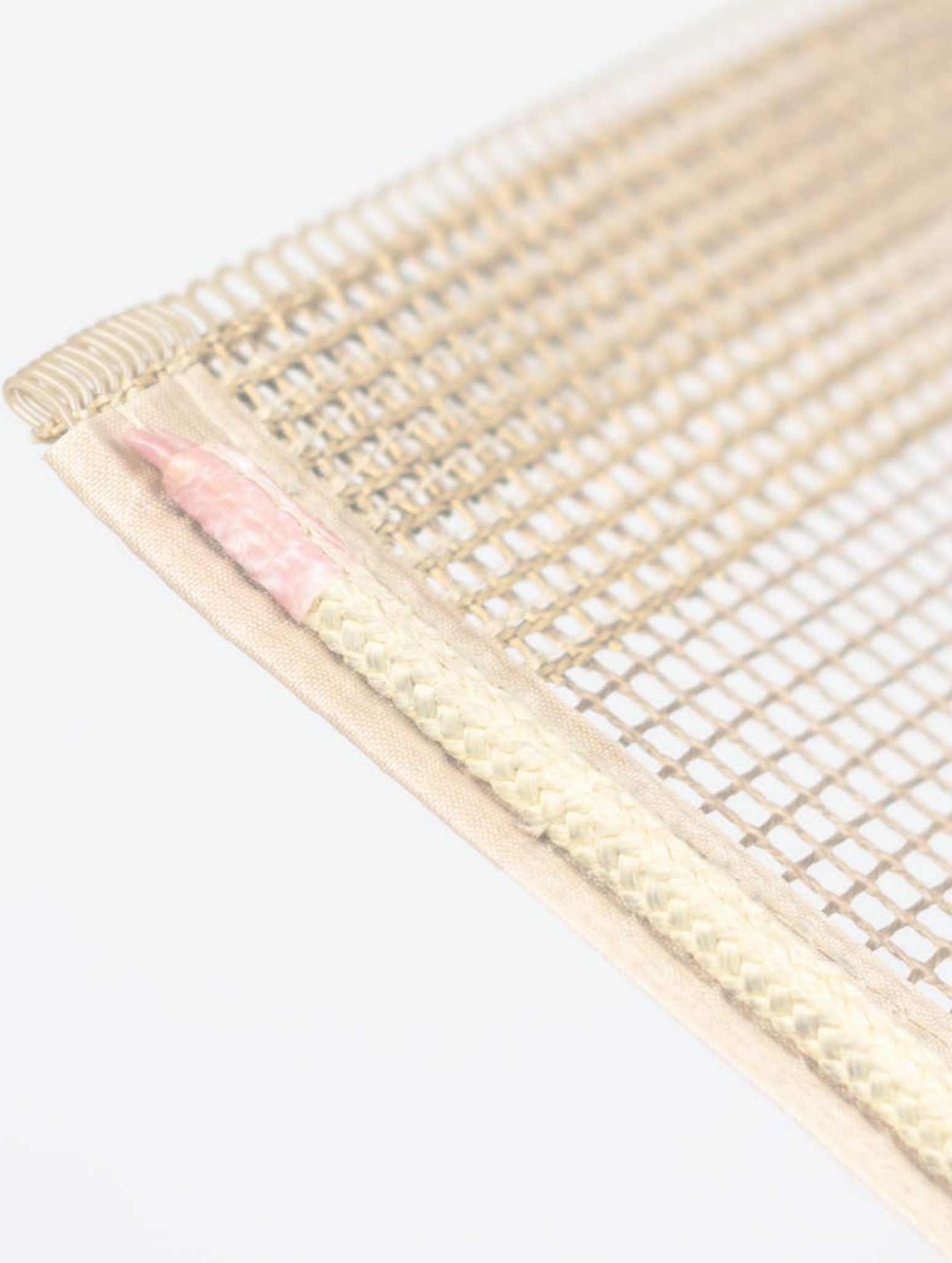
- Slip-proof surface
- High tensile strength
- High precision consistency
- Smooth surface
- Excellent dimension stability
- Smooth PES fiber

Warp / Weft Composition	Mesh Opening	Open Area	Weight	Thickness	Available Widths	Max. Working Temperature	Air Permeability @200mmWG
	µm	%	g/m ²	µm	mm	°C	l/m ² /s
Polyester	775	29	540	745	1200	150	5800

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Applications

- [Printing Machines](#)



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