

## SAATibelt

Advanced textile and belting solutions for your food washing processes

Since 1935, SAATI has produced a diverse range of precise woven mesh with a specific focus on the food market and proud partnerships with the major food groups; moreover we have more than 50 years experience in belt fabrication for a large range of applications like food processing. SAATibelt for fresh cut products is the dedicated line for the washing, dewatering, transportation and processing of fresh cut fruits and vegetables. The high precision weaving and finishing processes allow SAATI to supply a very stable product with a uniform pore size and air permeability, the fabrication process allow to produce very stable belt that can be customized for any type of equipment. The continued research on materials gives SAATI the possibility to supply to the market a very resistant product; special construction of plastic edge on belts give an excellent mechanical resistance and all the accessories are engineered to grant the best performance and the most reliable belt, easy to install and with a long life time.

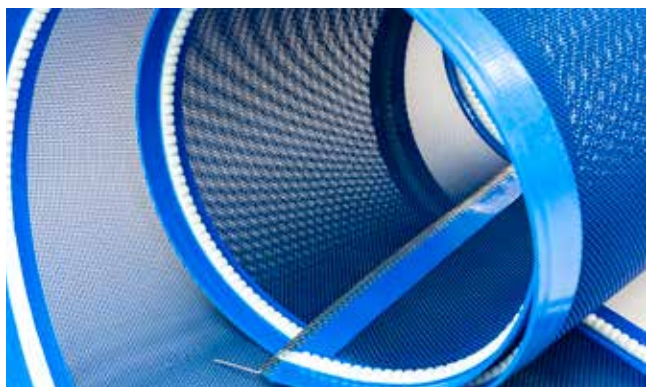


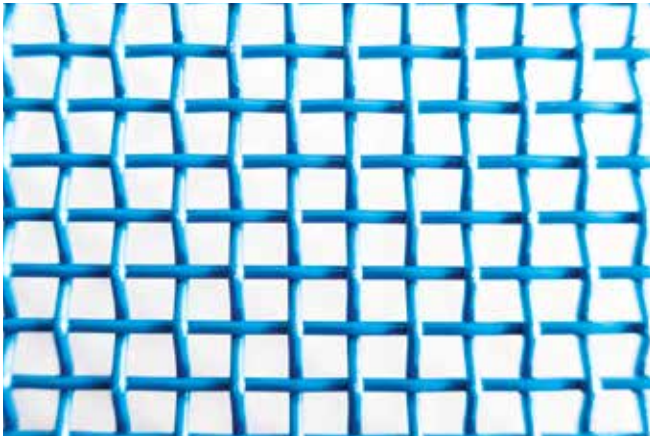
SAATI fresh cut belts can be successfully used in different applications:

- For fruit fresh cut
- For lettuce and other vegetable processing
- For fish processing and transportation

Food compliance is SAATI's priority for all the applications in this market, this is why SAATibelt fabrics for fresh cut products are intended to come in contact with food and are in compliance with the latest legal regulations:

- Compliance of composition: FDA code of Federal Regulation Title 21 part 177, paragraph 177.1500 and 177.1420
- Compliance of performance: 1935/2004/CE and EU 10/2011 regulations, full traceability, migration test and GMP compliance as per plastic material food contact regulation.





## SAATI Belt Drying Features

- Mechanical and Thermal Stability – For optimal belt tensioning, product distribution, and long product life
- Hydrolysis Resistance – Better lifetime and resistance to drying and washing processes
- Smooth Surface – In order to prevent clogging and to improve dryer productivity
- FDA Polymer Approved  
– Conformity Declaration upon request
- Compliant with EU 10/2011  
– Conformity Declaration upon request



SAATI is able to fabricate finished belts, ready to be installed. This is a key factor that allow us to control all the aspects from the yarn raw material to the finished product. All of the belt components can be customized based on final application in order to be flexible and to supply a product that can meet all of the customers' technical requirements.

Edge coating is available in PET material that is the same as the mesh and that can grant the same resistance and lifetime, with a significant improvement versus the traditional PVC or PU.

Joint closures are available in different configurations, stainless steel, close ring, PET or PEEK in order to adapt the belt configuration to the different equipment types.

Guide systems are available in different configurations, the newest trapezoidal and notched PET guides are perfect for small radius cylinders and the low exercise temperatures.

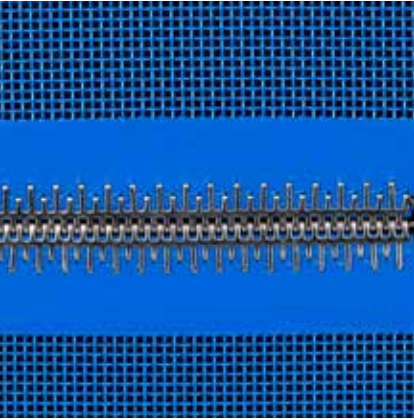
Polyurethane lathes are available in different width and height, they can also have holes and special surface patterns in order to avoid the "sucker effect" that can complicate product processing and release.

Product name	SAATlbelt PES 1000	SAATlbelt PES 2000	SAATlbelt PES 2500	SAATlbelt PES 3000	SAATlbelt PES 4000
Mesh Opening	1100 µm	2000 µm	2500 µm	3000 µm	4000 µm
Open Area	35%	46%	56%	55%	64%
Weight	365 g/m <sup>2</sup> 138,6 oz/ft <sup>2</sup>	764 g/m <sup>2</sup> 290,1 oz/ft <sup>2</sup>	450 g/m <sup>2</sup> 171 oz/ft <sup>2</sup>	562 g/m <sup>2</sup> 213,4 oz/ft <sup>2</sup>	450 g/m <sup>2</sup> 171 oz/ft <sup>2</sup>
Thickness	1800 µm	2500 µm	1800 µm	2350 µm	1900 µm
Available Widths	Up to 2500 mm	Up to 2500 mm	Up to 2500 mm	Up to 2500 mm	Up to 2500 mm
Max. Working Temperature	130 °C 266 °F	130 °C 266 °F	130 °C 266 °F	130 °C 266 °F	130 °C 266 °F
Air Permeability DIN EN ISO 9237	8.100 l/mq/sec 1013 CFM	10.667 l/mq/sec 1333 CFM	14990 l/mq/sec 1873 CFM	13.580 l/mq/sec 1698 CFM	15980 l/mq/sec 1997 CFM

The listed technical specifications, exception made for thread diameter indicated with its nominal value, are referred to the arithmetic mean value of production samples and are subject to change, in accordance with our policy of continuously improving our products.

## List of Accessories

### Joints and Cleats



**G3 HF**  
Inox Alligator Joint



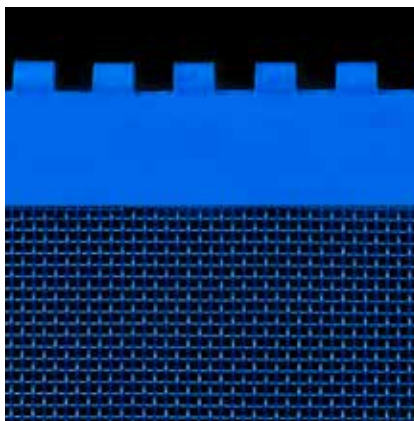
**K3 HF**  
Inox Yarn Joint



**CL NP A HF**  
Endless Joint



**Anker RS125J - RS62J**  
SS applied joint RS 125 or RS 62



**Flash Joint**  
Plastic Welded Joint



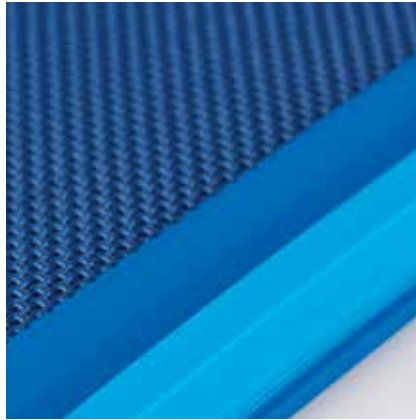
**Cleats**  
PVC Profiles  
Available sizes mm [inch]:  
30 [1.18], 40 [1.58], 50 [1.97], 60 [2.36], 85 [3.35]



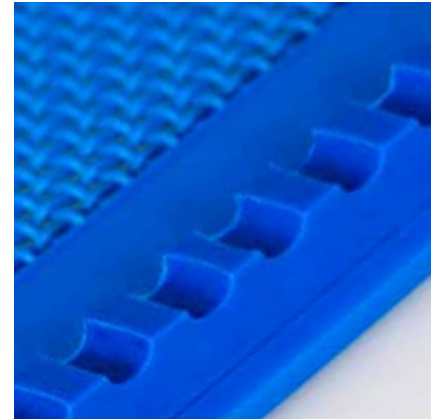
## Edges and Guide Systems



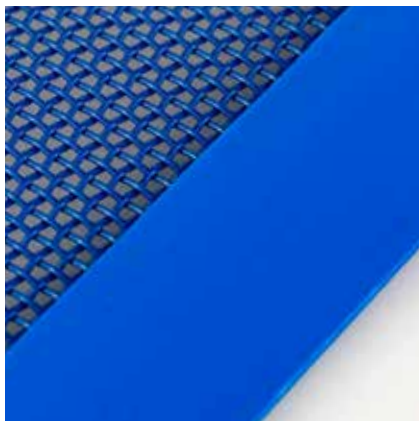
**K6 N | K8 N | 10 N | K17 N | K13 N**  
PVC/PET Notched Guide  
K6 - K8 - K10 - K13 - K17



**K6 | K8 | K10 | K13 | K17**  
PVC/PET Guide  
K6 - K8 - K10 - K13 - K17



**8 x 8 | 12 x 12**  
PVC Square Notched Guide  
8X8 mm and 12X12 mm



**PE HF 30 | PVC HF 30**  
Welded edges in PVC or PET  
available sizes mm [inch]: 30 [1.18], 40  
[1.58], 50 [1.97]

