# The endless Schlatterer conveyor





Free from bonded or welded seams

Truly endless! Absolute homogeneity, excellent running properties, long service life

# The basis: carrier materials



Carrier materials from Schlatterer are produced on state-of-the-art knitting machines in an endless process. They form the foundation for every type of processing, coating and refining. Belts featuring specific properties are created in accordance with the carrier material.

- Schlatterer special (knitted) fabrics
- Multi V-belts
- Timing belts

# On top: coatings



As all Esband coatings are applied in an endless process, you can specify the required belt running direction. We coat flat belts, timing belts and multi V-belts. You can also obtain short-run batches for a reasonable price and in the sizes you need.

- Polyurethanes Elastomers Silicones
  - TPU

# Endless possibilities: special processing



An Esband belt is always tailored precisely to your needs. From punching and drilling to cutting and milling - with our state-of-theart machining centers, extremely broad expertise and in-house mechanical engineering, we offer literally endless possibilities when it comes to special versions of your belts.

Our team is happy to advise you!



Max Schlatterer GmbH & Co. KG Robert-Bosch-Strasse 9 89542 Herbrechtingen GERMANY

Tel. +49(0) 73 24 / 15-0 Fax +49(0) 73 24 / 15-280 info@esband.de www.esband.de/en

#### MSC-130.01-E-04.23





# Flat belts Our all-rounders

#### From drive and transport to separation and distribution: Optimize your processes with flat belts from Esband!

In drive applications, our endless flat belts deliver high precision, exact running, low vibration and low noise. The uniform elongation values, tensile strengths and thickness tolerances along their entire length also support smaller pulley diameters and frequent bending cycles.

Due to the diverse potential combinations of carrier material and coating, our flat belts are available with a wide range of different properties and are therefore suitable for many and varied fields of use. Specific characteristics such as food approved and antistatic materials are also possible.

Drive and conveyor belts

**Checkweigher belts** 

Slow down belts



Vacuum belts



The right belt for

your application

accumulation operation

over blade edges

High friction coefficient for good

grip or low friction coefficient for

• For use as vacuum belt or running

 Applications with chemicals or extreme temperatures

Together, we can solve just

about any challenge.

Separator belts



#### No disruptive seams:

#### Timing belts from Esband deliver perfect results for the exact positioning of products in your application

We refine high-performance timing belts with coatings that are applied in an endless process and are also suitable for direct contact with food if required. Timing belts can be tailored to your specific needs including customized holes and cutouts.



**Timing belts** for transporting sausages



for vertical form-fill-seal machines



Vacuum timing belts for transporting paper





# Special applications – Esband makes it possible!

#### Pressure rollers

The transport of goods such as fish, meat, cookies and fine pastries poses a challenge during the production process due to their sensitivity. The silicon pressure roller is ideal for these applications as it can be used in direct contact with food, is easy to clean and boasts excellent resistance to chemicals.

Esband pressure rollers can even be produced with customer-specific geometries that are optimally suited to your application. Thanks to their flexible design, pressure rollers – also known as no-crush rollers – can press labels onto uneven surfaces and can be used in conveyor applications featuring inclines.



### Foam rollers

Very light rollers with a high paper friction coefficient are required for the purpose of holding down during the production of cardboard sheets and boxes.

We use foam rollers in this context, since they can be equipped with a wearresistant polyurethane coating that ensures optimum stacking of cardboard.



#### **Roll covers**

Roll covers provide the ideal means of easily increasing the friction coefficient of drive pulleys. Their consistent friction values result in very high functional reliability and a long service life. Our range of different materials and colors makes it possible to generate a customized solution that is tailored precisely to your requirements.

### Matched to your requirements

- Functional reliability
- Grip of transported goods
- Precision positioning
- Wear resistance
- Service life

We will work with you to determine which of our coatings (silicones, polyurethane or rubber) is the right material for your application.

