

Endless tapes
for all tobacco applications
and paper straw making

What we do

We identify the best carrier material for our clients, taking into consideration their materials, line speed, quality needs and commercial requirements in order to maximise productivity and cost-effectiveness.

With over 70 years' experience of the tobacco industry, we understand its specific requirements for making traditional cigarettes, cigars, filters and RRP products. We offer a wide range of material options to ensure that you receive the right endless tapes for your needs. We are experienced in offering food-grade, tobacco-compliant and other industry-specific solutions.

And every single product is individually inspected and tested for quality assurance and performance. We are a reliable supply chain partner that can be depended upon to deliver quality products on time, ensuring your production schedules and quality standards are consistently maintained.

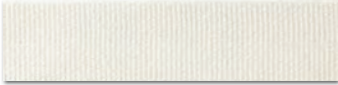




Our products

Base material options are always evolving. They currently include linen, linen/polyester, aramid, PEEK and polyamide. Tapes can be uncoated/plain, centre-coated, impregnated or full-coated to change the performance properties as required.

Cigarette production garniture tapes – linen

White material, food grade. High-quality end products.

			
Tape type	SKO 46.1	SKO 48.24	SQO 90
Material	Linen	Linen	Linen/polyester
Thickness	0.50 mm	0.52 mm	0.54 mm
Breaking strength	1000 N/cm	1000 N/cm	1700 N/cm
Elongation at 150 N/cm	1.0 %	0.8 %	0.5 %
Wear resistance	Good	Very good	Excellent
Lateral flexibility	High/very high	High/very high	High/very High
Application	Cigarette making	Cigarette making	Cigarette making
Typical service life	Up to 1 shift	Up to 2 shifts	Up to 3 shifts
Advantages	Lowest-cost linen tape type	Stronger and more resistant to elongation	Flexibility and service life. Elongation and breaking strength. Particularly recommended for slim and super slim

Cigarette production garniture tapes – aramid

Yellow material, high breaking strength, cost-effective.

			
Tape type	SAO 72	SAO 75	SAO 77
Material	Aramid	Aramid	Aramid
Thickness	0.56 mm	0.54 mm	0.51 mm
Breaking strength	2550 N/cm	2250 N/cm	2000 N/cm
Elongation at 150 N/cm	0.4 %	0.4 %	0.4 %
Wear resistance	Excellent	Excellent	Excellent
Lateral flexibility	Medium	Medium	Medium
Application	Cigarette making	Cigarette making	Cigarette making
Typical service life	Up to 3 shifts	Up to 3 shifts	Up to 3 shifts
Advantages	Lowest-cost aramid tape	Better quality production, smoother surface finish	Better flexibility, producing more consistent diameter rod



Filter production garniture tapes

Most filter production garniture tapes are coated. We offer linen tapes or aramid tapes according to your technical requirements. Tape coating is responsible for the friction between the tape and the filter paper. We offer a wide range of coatings according to the materials being run. All coatings can be applied on different base types.



Surfaces/coatings



We offer a wide range of garniture tapes for filter production, examples of which include:

Available tape types	Coating type	Coating on paper side	Coefficient of friction to filter paper	Advantages
SQW 90, SAW 28	W	Impregnation	High	High flexibility, low abrasion
SQP 90, SKP 46.2, SKP 24	P	Centre-coated	Medium	High flexibility, low abrasion. Most common coating. Linen tapes only
SQM 90	M	Full-coated	High	Strong and flexible base tape with full coating for highest tape-to-paper friction
SKT 43	T	Impregnation	Medium	For standard or slightly porous paper
SKF 24, SKF 46.2, NKF 33	F	Centre-coated	Medium	Base tape is cotton/aramid mix combining strength with flexibility, centre-coated
SAR 72, SAR 75, SAR 77	R	Centre-coated	Medium	Strong base tape with centre coating
SAL 72, SAL 75, SAL 77	L	Full-coated	High	Strong base tape with full coating

Special application – non-wrapped acetate filter production

We have specially designed monofilament tapes for the production of non-wrapped filters. It is not the coefficient of friction but rather the passage of air that plays an essential role in this application.





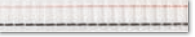


Tape type	FKV 12	PKV 66
Material	Polyester	PEEK
Thickness	0.43 mm	0.45 mm
Breaking strength	700 N/cm	550 N/cm
Wear resistance	Very good	Good
Lateral flexibility	Very high	Very high
Application	Non-wrapped acetate filters	Non-wrapped acetate filters
Advantages	Higher breaking strength and smoother surface finish	Higher temperature resistance

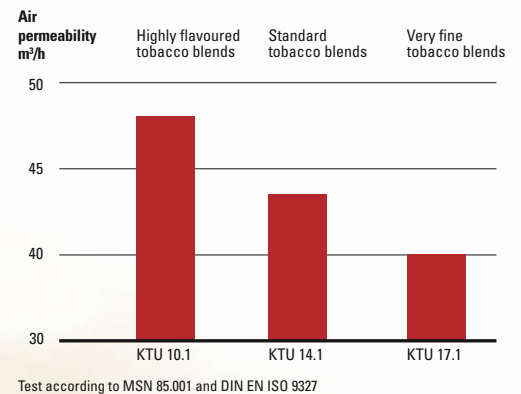


Cigarette production suction tapes

We offer both polyamide and PEEK suction tapes. Polyamide (white) suction tapes feature a high breaking strength and long service life, while PEEK (brown) suction tapes meet the tobacco industry standards.

					
Tape type	HTC 14	HPC 14	KTU 10.1	KTU 14.1	KTU 17.1
Material	PEEK	PEEK	Polyamide	Polyamide	Polyamide
Thickness	0.92 mm	0.92 mm	0.78 mm	0.83 mm	0.85 mm
Elongation at 150N/cm	0.8 %	0.8 %	1.5 %	2.0 %	2.2 %
Air permeability	48 m ³ /h	48 m ³ /h	53 m ³ /h	46 m ³ /h	43 m ³ /h
Breaking strength	500 N/cm	500 N/cm	520 N/cm	550 N/cm	550 N/cm
Wear resistance	Very good	Very good	Excellent	Excellent	Excellent
Application	Cigarette making	Cigarette making	Cigarette making	Cigarette making	Cigarette making
Recommended use	Meets the highest tobacco industry standards	Meets the highest tobacco industry standards	Highly flavoured or sticky tobacco	Standard tobacco	Very fine tobacco

Suction tapes for various tobacco blends



Drum tyres

Our drum tyres for the tobacco industry are made for cigarette- and filter-making machines. We offer drum tyres featuring different surfaces in accordance with our proven technology.

Request your free sample now!
tapes@esband.de



Be sustainable
with Esband.

Belts for paper straw production

Reduce belt exchanges, increase service life

The basic drinking straw made of polyethylene or polypropylene has been banned on the market since 2021. Paper straws are the ecological alternative. Esband tube winder belts are perfectly suited to the production of these straws as they are manufactured from an endless base material. They therefore have no junction and prove to be durable and reliable in

every situation. Furthermore, our transparent material does not cause any abrasion on your final product. But this is not the only positive side effect – by reducing the belt exchanges and increasing the service life of the belts in comparison to other regular processing belts, our Esband tube winder belts also make a positive contribution to conserving resources.

About us

Endless belts are the focal point of operations at Max Schlatterer GmbH & Co. KG. Under the Esband brand, we design and manufacture garniture and suction tapes as well as drive, conveyor and special belts. What sets us apart is our unique manufacturing method, which guarantees products with homogenous material properties. Esband is the ideal global partner for the tobacco industry, having the product range, technical expertise and to meet its requirements at local and international level. As a reliable supplier, we add value for our customers by providing specialist technical advice, research and development facilities, and stock

management. We consistently deliver the best-quality product at the best possible price.

Founded in 1948 by Max Schlatterer, we remain a family-owned company employing 700 people worldwide. Based in Herbrechtingen, Germany, our 14,000 m² factory utilises the very latest in environmentally friendly and sustainable energy technology. Using bespoke manufacturing equipment and processes designed by our in-house engineering team, we maintain stocks of raw materials to ensure that we are always able to deliver on our promise to the customer.



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