



Max Schlatterer  
GmbH & Co. KG  
Robert-Bosch-Str. 9  
D-89542 Herbrechtingen  
Tel. +49 (0) 73 24 / 15-0  
Fax +49 (0) 73 24 / 15-280  
info@esband.de  
www.esband.de



We reserve the right to make technical alterations. © Esband | Design: H1QN.de

## The Esband Selftester – for optimum coefficients of friction

Exciting Belts.



### It has never been easier to check the coefficient of friction

Due to the physical feedback it is easy to determine the coefficient of friction within no time. All you need is the filter paper you are using and this brochure.

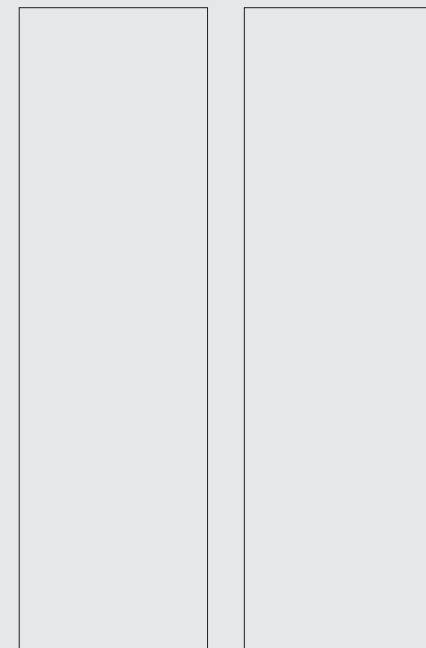
Send us your filter paper for an exact analysis in order to receive a detailed recommendation from us.

Benefit from our expertise and try out the selftester. We are pleased to support you as a reliable partner and guarantee maximum product quality – made in Germany.

## Tapes for non wrapped filter production

For the production of non wrapped filters we have specially designed monofil types.

It is not the coefficient of friction but rather the air passage that plays an essential role here.



<b>Esband</b>
<b>Material</b>
<b>Temperature resistance</b>
<b>Elongation at 150 N/cm</b>
<b>Breaking strength</b>
<b>Tape thickness measured at 0.5 N/cm<sup>2</sup></b>

<b>PKV 66</b>	<b>FKV 12</b>
PEEK	Polyester
up to 300 °C	up to 100 °C
0.8 %	0.5 %
550 N/cm	700 N/cm
0.45 mm	0.43 mm

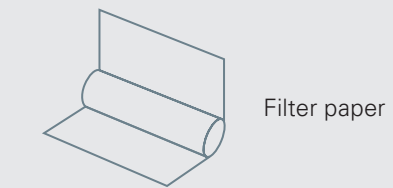
## Coating materials



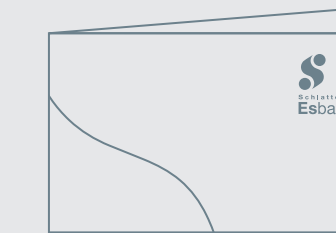
<b>Esband</b>	<b>M</b>	<b>P</b>	<b>W</b>	<b>L</b>	<b>T</b>	<b>R</b>	<b>F</b>	<b>S</b>
<b>Coating on paperside</b>	full-coated	center-coated	impregnated	full-coated	impregnated	center-coated	center-coated	impregnated
<b>Coefficient of friction to paper*</b>	high	medium	high	high	medium	medium	medium	medium
<b>Exemplary tape type for this coating material**</b>	SQM 90	SQP 90	SQW 90	SAL 75	SKT 43	SAR 75	SKF 24	NKS 33
<b>Material</b>	Linen/Polyester	Linen/Polyester	Linen/Polyester	Aramid	Linen	Aramid	Aramid	Linen
<b>Thickness</b>	0.69 mm	0.69 mm	0.54 mm	0.62 mm	0.60 mm	0.67 mm	0.60 mm	0.64 mm

\* may vary depending on the type of paper  
\*\* the basic belt / material can be selected from existing materials

## What you need:



Filter paper



Selftester

## This is how you do it:



### 1 Checking the coating materials

Find the suitable tape for your filter paper by simply rubbing the paper on the different belts.



### 2 Determining the width

By using the filter diameter you can determine the width of your tape with the following chart.

Garniture range in mm	Filter circumference in mm	Garniture tape width in mm
5.3 – 5.39	16.65 – 16.93	12.0
5.4 – 5.49	16.96 – 17.25	12.5
5.5 – 5.69	17.28 – 17.88	13.0
5.7 – 5.89	17.91 – 18.50	13.5
6.8 – 6.99	21.35 – 21.95	16.5
7.0 – 7.09	21.98 – 22.26	17.0
7.1 – 7.29	22.29 – 22.89	17.5
7.3 – 7.49	22.92 – 23.53	18.0
7.5 – 7.59	23.55 – 23.83	18.5
7.6 – 7.79	23.86 – 24.46	19.0
7.8 – 7.89	24.49 – 24.77	19.5



### 3 Our service

All we need is the used paper in the application, most suitable would be the end of the paper bobbin after changing it.

Please send us this part of the paper bobbin with the remaining rolled paper, so that the characteristics remain unchanged. The original features may vary when the paper is unrolled or folded.

Please mark the side on the paper which is in direct contact with the coating material.



### 4 Get in contact

If you have a special application or if you need further details and individual information about the coated garniture tapes or other products, please contact **+49 73 24-15 0** or visit our website **www.esband.de**



The important factors are primarily the coating materials. That is why we produced the specific coating on standard materials. It is, of course, possible to use other basic materials as well as to select from different dimensions.