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The Esband Selftester – for optimum coefficients of friction



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.

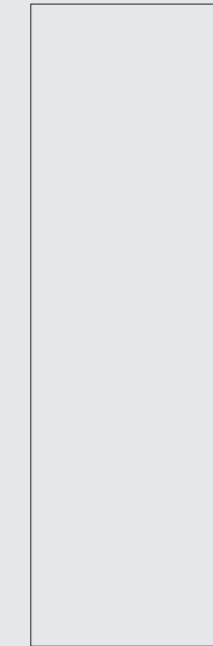
Exciting Belts.

Tapes for non wrapped filter production

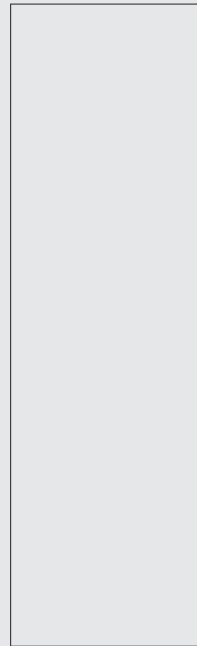
For the production of non wrapped filters we have specially designed monofil types.

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

Esband
Material
Temperature resistance
Elongation at 150 N/cm
Breaking strength
Tape thickness measured at 0.5 N/cm²



PKV 66
PEEK
up to 300 °C
0.8 %
550 N/cm
0.45 mm

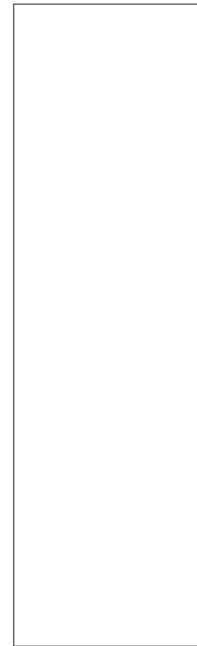


FKV 12
Polyester
up to 100 °C
0.5 %
700 N/cm
0.43 mm

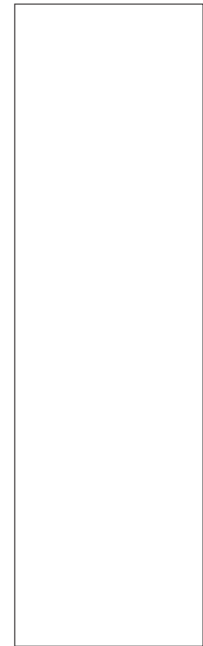
Coating materials



Esband
Coating on paperside
Coefficient of friction to paper*
Exemplary tape type for this coating material**
Material
Thickness



M
full-coated
high
SQM 90
Linen/Polyester
0,69 mm



P
centre-coated
medium
SQP 90
Linen/Polyester
0,69 mm



W
impregnated
high
SQW 90
Linen/Polyester
0,54 mm



L
full-coated
high
SAL 75
Aramid
0,62 mm



T
impregnated
medium
SKT 43
Linen
0,60 mm



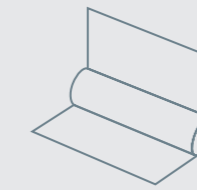
R
centre-coated
medium
SAR 75
Aramid
0,67 mm



.3
centre-coated
medium
SAR 75.3
Aramid
0,56 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.