



NEW

SiroLock®

A step up in fibre control



SiroLock® controls the fibres at the step at the front of the wire which enables it to take more fibres than conventional wire.

Mind our step: SiroLock® doffer and worker wire

What can we offer you?

A card wire with a **unique step** especially designed for doffers and workers

Features

The fibres are controlled at the step of the SiroLock® wire



- More fibres are controlled
- Less fibre recycling on the cylinder
- Creates higher carding space
- Allows wider settings between cylinders and workers/doffers

Benefits

- **Higher carding productivity thanks to higher fibre loading capacity**



Worsted / Woollen / Nonwoven

- Increased production for the same quality
- Less fibre recycling on the cylinder

- **Versatility in processed materials**



Nonwoven

- A wider range of web weights with the same SiroLock® wire type
- A wider range of fibre blends can be processed

Worsted/Woollen

- Higher throughput and/or quality depending on the final use of the web
- A wider range of fibres processed with the same SiroLock® wire on doffers and workers

- **Better web quality: Less fibre consumption**



Nonwoven

- Improved web uniformity
- Less nep generation
- Less fly

Worsted

- Improved hauteur
- Less noil thanks to higher fibre efficiency
- Less fibre shortening
- Less nep generation

Woollen

- Improved CV on slubbing (Less thin and thick places)
- Less down time thanks to decreased yarn breakage during spinning

Why choose Bekaert?

1

Transformation expert

Thanks to our careful wire rod selection and our expertise in drawing, shaping and punching, Bekaert can offer you a high quality card wire.

2

Independency

Bekaert reinforces its status of independent and recognized leader in the card clothing business through partnerships with textile machine builders and customers world wide.

3

In-house developed production machinery

Thanks to our in-house developed machinery we can take on any project, no matter how complicated.

4

400 international experts at your disposal

Bekaert's technology centres count over 400 international experts who have the technical know-how and experience to create a card wire that meets your expectations.

5

Global presence

Bekaert is active in more than 120 countries and has more than 22.000 employees worldwide to guarantee a prompt and customised service.

Feel free to contact us

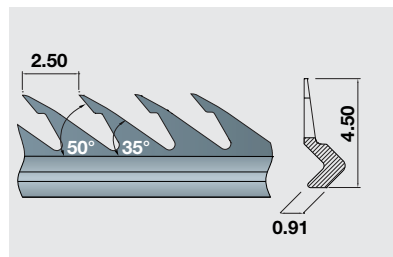
Bekaert Carding Solutions

Bekaertstraat 8
8550 Zwevegem
Belgium

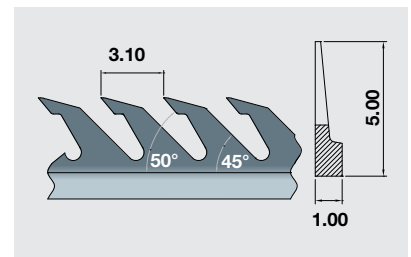
T. +32 (0)56 65 19 20
F. +32 (0)56 75 42 36
E. carding.solutions@bekaert.com

www.bekaert.com

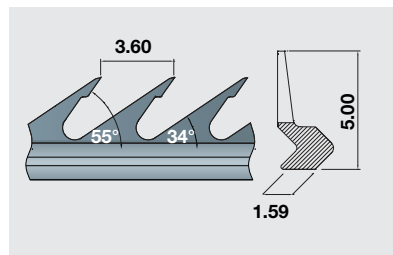
Product range



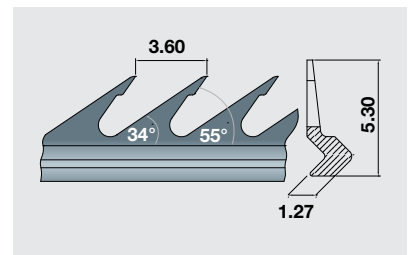
VF28/250/50 SiroLock®
for light web weights (nonwovens)



L10/100 SiroLock®
for topmaking



VH16/360/55 SiroLock®
for heavier web weights (nonwovens,
also used on breaker card)



VH20/360/55 SiroLock®

SiroLock® offers fast payback

Would you like to know more about the payback for your SiroLock® application? Bekaert offers a special calculation model.



Mr Ken Atkinson,
researcher with CSIRO
and inventor of SiroLock®

CSIRO relies on Bekaert's technological expertise to develop a revolutionary new card design

“SiroLock® is a totally new concept in the carding industry. The step in the wire is increasing the retention of fibres and the carding action. Thanks to Bekaert's commitment and technical expertise we were able to develop the idea into an industrial product.”

Modifications reserved.

All details describe our products in general form only. For ordering and design only use official specifications and documents. Unless otherwise indicated, all trademarks mentioned in this brochure are registered trademarks of NV Bekaert SA or its subsidiaries. © 2009 Bekaert

All Bekaert plants that produce SiroLock® hold the ISO 9001 certificate.

Bekaert has an exclusive license from CSIRO for SiroLock® technology. SiroLock® is a trademark owned by CSIRO and registered in Australia, the European Community and the USA.

 **BEKAERT**