

The logo consists of a blue square containing a white icon of a card and the word "BEKAERT" in white, bold, uppercase letters.

better together



Cards on the table

The latest news from Bekaert Carding Solutions - December 2010

Edito

Impressive results with SiroLock®

A great step forward in Teflon carding

New card clothing grades

Mounting SiroLock® in practice

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Edito

Dear,

I sincerely hope that you enjoyed reading our first newsletter. I hope that you found it both interesting and efficient.

In our second issue, we will further elaborate on our SiroLock® development. Our experience with this new wire is growing every day and we receive a lot of positive feedback from different segments in the market. We can now proudly say that SiroLock® is a real break-through in nonwoven carding. Therefore we think it is of very high importance to keep you informed...

Enjoy your holidays. We look forward to working with you in the new year.

Michel

Vandevelde

General Manager, Bekaert Carding Solutions



Impressive results with SiroLock®

SiroLock® scores on several important levels; from an increased productivity to a better blending and an overall better web quality -

Textor Technology Pty Ltd

Textor Technologies produces nonwoven textiles for the health care industry. Last year they tried SiroLock® for the first time on the workers of one of their carding machines. The results were impressive: not only did they notice a significant improvement of their web quality; their capacity had also risen by about 30%. That is why they soon installed a finer version of SiroLock® on a new card.

“The amazing thing about SiroLock® is that it scores on several important levels; from increasing our productivity to achieving a better blending and an overall better web quality to reducing fibre fly.

SiroLock® might be a little bit more expensive than regular card wires, thanks to the quick pay-back this isn't really an issue and with a fundamental increase in margin and competitiveness it is definitely worth the investment.”



Mr. Phillip Butler, Managing Director, Textor Technologies Pty Ltd

[> Use our simulation](#)

A great step forward in Teflon carding



PTFE or Teflon is a high-molecular weight compound consisting wholly of carbon and fluorine. Due to its nonreactive properties Teflon is widely used in filtration applications like the filtration of high furnace gases. The down-side of Teflon fibers is that they are a nightmare to card: no crimp, heat resistant, a tendency to generate a lot of static electricity and a density about 3 times higher than regular fibres. This means that even under careful carding conditions frequent interruptions are almost inevitable.

Recently an American needle felt manufacturer tried using SiroLock® to reduce this problem... and with success; the card could produce regularly without interruption. Meanwhile other customers testified that SiroLock® is perfectly able to handle very different fibres in terms of Dtex.

Because of its ability to handle difficult blends like natural fibres , recycled, Aramid fibres...SiroLock[®] is gaining more and more popularity in the nonwoven carding industry.

[> online inquiry form](#)

New card clothing grades

Thanks to recent technology developments and investments in a new high-end technology platform for the production of SiroLock[®], Bekaert is ready to produce a wide variety of complex carding profiles. This new technology platform opens strong capabilities for the development of new card clothing grades to serve your needs for more demanding applications.

These developments fit in Bekaert's strategy to challenge our current solutions to continuously come up with new products and services to preserve the business of tomorrow.

[> technology in Bekaert](#)

Mounting SiroLock[®] in practice

Where do I mount SiroLock[®]?

SiroLock[®] can be mounted on both workers (AVT and main cylinder) and doffers (intermediate and final)

How do I mount SiroLock[®]?

SiroLock[®] can be mounted just like any other conventional wire, no special equipment required. We do however recommend on using ceramic tension brakes. Should you still prefer technical support, our service teams are readily available to assist you.

Do I need to alter my settings when using SiroLock[®]?

Normally you can keep using your existing settings. Only if you had past issues with fibre transfer that forced you to set very closely (eg to the main cylinder), it's best to choose a wider setting. Doing this however, doesn't affect quality or production.

[> carding solutions for non woven cards](#)

Upcoming events

Find out what keeps your nonwoven cards rolling

Reduce your downtime and improve your profit thanks to Bekaert's ready

stock and quick technical interventions

Improve your process and product quality with Bekaert's tailor-made solutions and specialized finishes

Discover the latest innovation in the nonwoven industry: the SiroLock®; worker and doffer wire for a better web quality

Upcoming events 2011

Index Geneva, Palexpo, Geneva, Switzerland, 12th – 15th April 2011 (booth number 2355)

Techtextil Frankfurt, Messe Frankfurt, Frankfurt, Germany, 24th – 26th May 2011

ITM Barcelona, Fira de Barcelona, Barcelona, Spain, 22nd – 29th September 2011

Techtextil India 2011, International Trade Fair for Technical Textiles & Nonwovens, Mumbai, India 10-12 October 2011

> [more events](#)