



RHINOYARN[®]

PERFORMANCE IN EVERY FIBRE



**As a proudly
independent, inventive
and industrious
business, our story
has always been
slightly different to
the norm. Here, we
tell that story so far...**

Ben Griffiths, Managing Director, Tilsatec

A yarn with a story



Rhino Yarn is our manufacturing process, but it's also much more than that. It's the combination of many strands. Each as integral and essential as the rest. Together, they make us incredibly strong. They're all part of a story we're very proud of, and one we're still writing. A story of some amazing, independent minded, innovative, hard-working people. And a brave Eureka moment that kick started our business.





The first two strands in the Rhino Yarn story are a place, Wakefield in West Yorkshire, and the people who live here. In the 19th century, this is where water running down from the gritstone Pennine hills came together with an industrious, committed, highly skilled local population. The result was the perfect conditions for a wool textile industry that went on to export its products across the world.

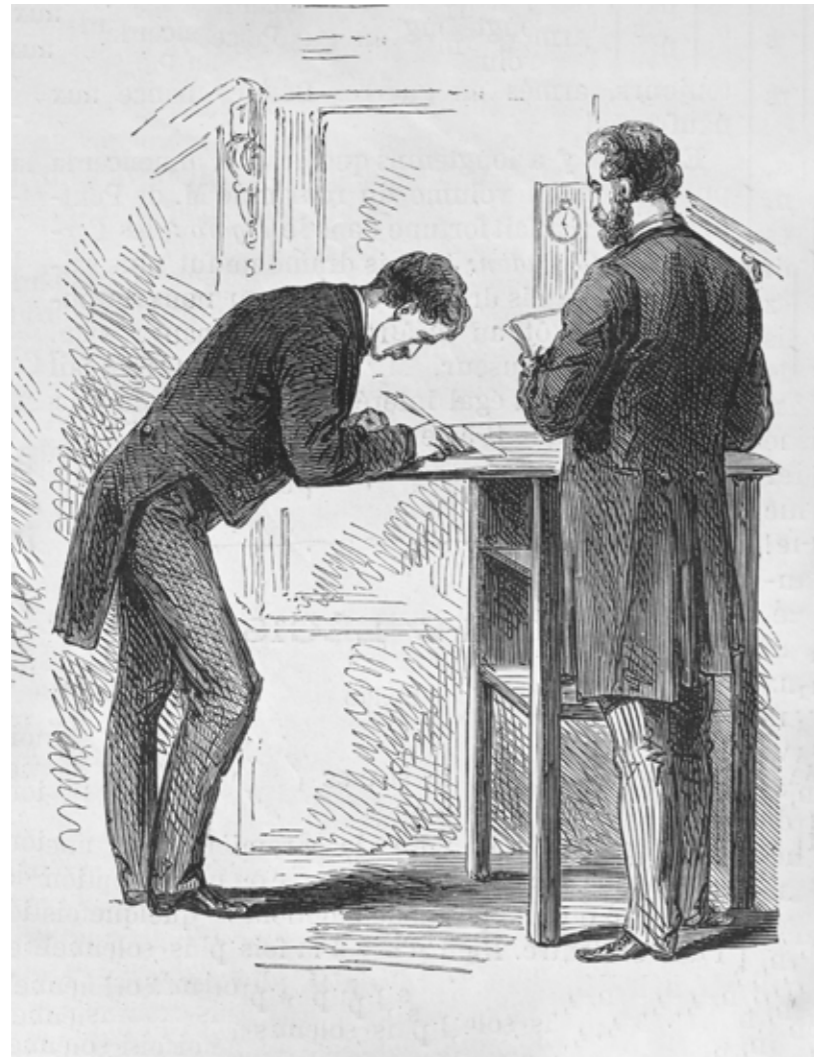


"I've worked here for 25 years, and so did many friends, neighbours and members of my family. I even met my husband here. We used to fill two buses from our estate. Every day we have a laugh. We're a really tight knit team."

Zoe, Machine Operative

A business

The next strand in our story was the foundation of a business. In 1880, Harrap Brothers, a spinning business, was launched in West Yorkshire. In 1890 they moved to Wakefield, where they've remained ever since. In 1934 they became Sirdar, in honour of Lord Kitchener's appointment as Sirdar of the Egyptian army. In 1989, they acquired Tilsa Yarns, a hosiery and fashion yarns manufacturer, and the precursor to Tilsatec.



SIRDAR WOOLS
Write for samples and name of nearest Agent to
HARRAP BROS.,
Bective Mills,
ALVERTHORPE, WAKEFIELD



The mid 1990s were a challenging time for the textile industry. But then, one of our founders had a flash of inspiration. An idea which changed the entire course of our story. "We have a wealth of equipment, people and spinning expertise. What if we were to diversify and use this to create technical, cut-resistant yarns for PPE?" he asked.

And so, in 2001 Tilsatec, a newly formed technical division of Tilsa Yarns, began testing different combinations of technical fibres, and in 2002 Rhino Yarn went into production.



Adding our own twist

An innovative mindset

We've never been afraid to try new things. So, in 2001 our yarn technologists began developing composite yarn structures with a stainless steel core. As soon as we knew we were able to process and spin steel to incredibly fine grades whilst achieving high-cut performance, we knew we were on to something.



However, when we took this technology out to market, interest was muted. Undaunted, we began to manufacture our own products made from our proprietary cut-resistant Rhino Yarn.



Since then, we've built a reputation as innovative specialists in cut resistant fibres, with a comprehensive range of cut resistant hand and arm protective products for use in a variety of industrial sectors. Wherever people work in high hazard environments, wherever there are cut and puncture hazards, sharps or needles our products are at the front line, helping them do their jobs safely and efficiently.



"We've always been driven to innovate. Pushing the boundaries of what's possible, to go finer and lighter. To find the optimum balance between comfort and high cut resistance."

Paul, Production Supervisor

The thread goes on

Determined to remain in complete control we created our own purpose-built independent Research and Development laboratory. Having a facility like this on-site equips us to be ready for the future. It means we can try out new ideas and fresh combinations of materials, while maintaining stringent due diligence and quality control.

Meanwhile, our search for ever more comfortable, flexible and durable cut-resistant yarn technologies continues...