For more than 40 years, the French specialized glove manufacturer Lebon Protection has been producing gloves and personal protective equipment that offer the highest levels of protection for professionals working in industrial settings. Since 1997, Lebon Protection has been integrating Teijin Aramid’s Twaron® fiber into its manufacturing processes, enabling the company to offer products with improved blade cut protection and higher temperature resistance. By working closely with Teijin Aramid’s technical team, Lebon Protection has developed exciting innovations for the glove protection market. Read more!
From leather to aramid fibers
Established in 1973 by Gilbert Lebon, the family business Lebon Protection has a long history of manufacturing high-quality protective gloves. "When my father started the business, we originally manufactured protective leather gloves," says Fabrice Lebon, Chairman of Lebon Protection. "Over the years, we've expanded both the geographical scope of our activities and our product offering. Besides our headquarters in France, we now have high-tech sites in Poland and India, and by the end of the year, we will employ over 1,000 people. We achieved this business growth by our long-standing investment in research and development, and our commitment to delivering products of the highest possible quality. In line with this philosophy, we first started integrating Teijin Aramid's para-aramid Twaron® fiber into our products in 1997, and we've made significant technical progress since then."

“Above all, Twaron® allows us to produce gloves with a much higher cut resistance, which is very important in the industrial settings in which the end-users of our gloves operate.”

“Twaron offers big improvements for gloves”
Teijin Aramid produces Twaron® through a complex proprietary spinning method that transforms polymer into continuous filaments, which are then turned into fibers with exceptional physical properties. "We chose to integrate Twaron® into our production processes because of the significant performance improvements it delivers to our products," says Lebon. "Above all, Twaron® allows us to produce gloves with a much higher cut resistance, which is very important in the industrial settings in which the end-users of our gloves operate. Specifically, we use cut and sewn Twaron® for our performance range, and seamlessly knitted Twaron® for our comfort range. In this way, we tailor

Why Twaron® for gloves?
- Superior strength, weight, durability and comfort
- Excellent resistance to heat, abrasion and cutting
- Easy to integrate into production
- Adjustable to specific applications
“Teijin Aramid has not only added value to Lebon’s products through its high-performance materials, but also through its technical support.”

our products to the users’ requirements. In addition, Twaron® allows us to radically improve the thermal resistance of our glove products, which is particularly important for users working in glass manufacturing, for example.

A past of collaboration, a future of collaboration
Teijin Aramid has not only added value to Lebon's products through its high-performance materials, but also through its technical support. “The collaboration between Teijin Aramid and Lebon Protection stretches back 20 years,” says Lebon. “And this collaboration is as important now as it was then. The protective glove industry demands that we redevelop our product offering roughly every five years. In recent times, we’ve been particularly focusing on the coatings that we can apply to our gloves, such as for dry, wet, or oily applications. In all these innovative developments, it has been great to have support from Teijin Aramid’s technical team, and to exchange know-how with them. This kind of partnership will be key to continued sustainable growth. We know we’re in safe hands with Teijin!”

For more information, please email heat-cut-protection@teijinaramid.com or visit www.teijinaramid.com