



TEIJIN

“The ballistic protective panels we use integrate Twaron® to great effect, and our customers are happy.”

Alex Cirillo, Industrial Director Autostar

Twaron®

Autostar:

A growing market for firsthand armored vehicles

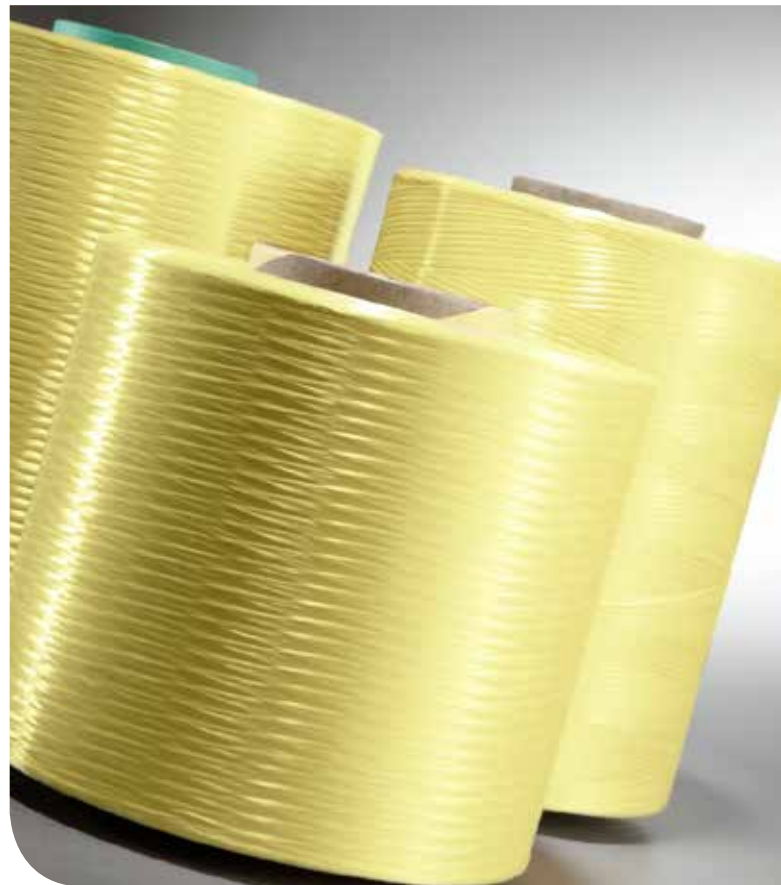
“Social inequality, combined with a weak political structure, has increasingly pushed the ordinary citizens of Brazil to seek their own protection from car-based crime,” says Alex Cirillo, Industrial Director at car armoring company Autostar. “We’re experiencing a growing demand for our services. Since being established in 1992, Autostar has become the biggest armored-vehicle retailer in São Paulo.”

“We started by selling BMW armored vehicles, but we have since incorporated other brands to our offering, including Land Rover, Volvo, Mini, Jaguar, Chrysler, and Harley-Davidson motorcycles, among others. The ballistic protective panels we use integrate Twaron® to great effect, and our customers are happy. Despite the political and economic issues that Brazil is facing, we expect the demand to go on growing.”

“Above all, we’re partners with Teijin Aramid because we want to offer a great service in improving the protection of cars.”

Converting cars to armored vehicles

In fact, the demand for ballistic protection in vehicles is so pressing in parts of Brazil that there is also a market for converting unprotected cars to armored cars. For the last 15 years, WKR Prime has been manufacturing ballistic safety products, such as protective panels, shields, and bulletproof vests, and they now also offer their customers the possibility of making their cars bulletproof. “Above all, we’re partners with Teijin Aramid because we want to offer a great service in



Twaron®

Be sure.

improving the protection of cars," says Jorge Tebet, Director at WKR Prime. "Our customers focus on price, reliability, and technical support, and we're able to deliver them outstanding products and service through our collaboration with Teijin Aramid. They provide us with good technical support, and help us with the development of new products. We hope that our collaboration can continue to grow, and that we can carry on meeting the demands of customers."

"Twaron® is an excellent material, and ranks among the very best para-aramid fibers."

In the fast lane with Twaron®

Both Autostar and WKR Prime choose Twaron® for its high tenacity and impact resistance properties, which allows them to offer excellent ballistic security. What's more, with its great

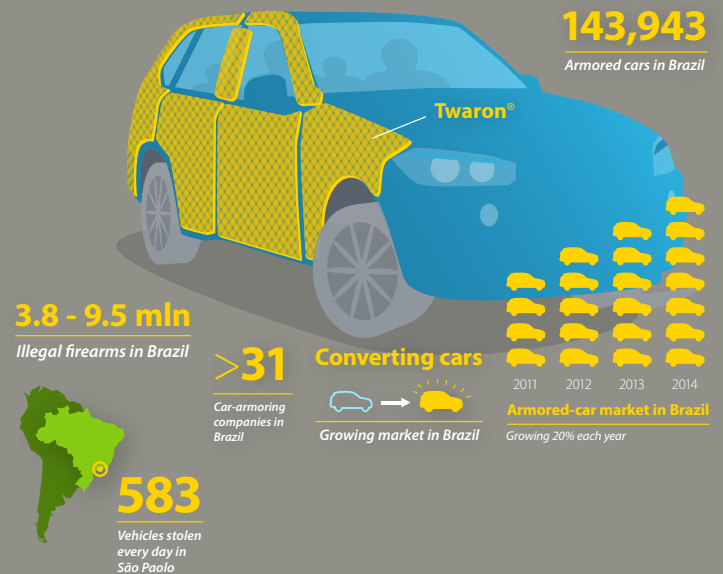


Key benefits of using Twaron® in armored cars:

- > **Protection against projectiles and fragments**
- > **Excellent energy-absorption properties**
- > **Weight savings of 60 to 70%**
- > **Enhanced speed and heavier payloads**
- > **Easy to install – even after vehicle construction**

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Trends & developments in car armoring in Brazil



"To develop an armored car, you need to have the right balance between weight and protection,"

weight-to-strength ratio, Twaron® can offer protection without limiting the performance of the car. "To develop an armored car, you need to have the right balance between weight and protection," says Alex Cirillo. "Twaron® is an excellent material, and ranks among the very best para-aramid fibers. We can confidently offer our customers light cars that can deliver complete ballistic protection for hand gunfire. Thanks to Twaron®, we are confident that we can continue to drive our growth in the armored-car market in Brazil!"



For more information

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or visit our website.