

TEIJIN

“Thanks to the integrated Twaron®, our shields can withstand the toughest conditions and offer extreme protection.”

Albert Hellweg, Managing Director Hellweg International

**Twaron®**

**Hellweg:****On the safe side with****integrated Twaron® in our shields**

**Headquartered in Melbourne, Australia, Hellweg International has been supplying law enforcement products and security equipment to buyers across the world for the last four decades. During this time, Hellweg has become a market leader, known in particular for its high-performance weapon-carrying equipment and protective body armor products.**

For the past 25 years, Hellweg has partnered with Teijin Aramid for the supply of para-aramid fiber, which adds strength and durability to its products. Recently, they launched a new line of self-deploying shields, Hellweg TITON, which incorporates Twaron® for extra protection and superior performance.

“There are no second chances. Hellweg needs to get it right first time.”

**From a backyard shed to a global presence**

Since 1979, the Hellweg brand has been associated with superior quality and craftsmanship in the design and manufacture of military, law enforcement and security equipment. “The company was founded by Albert Hellweg,” explains David Bilton, Business Manager at Hellweg International. “Albert is a highly skilled craftsman and quality equipment designer who was dissatisfied with the poor quality in security equipment. He traveled extensively in order to combine unique manufacturing techniques with high-quality materials, with the aim of delivering products that led the way in quality, functionality and durability. The company first started out in his backyard shed. From there, we have grown

**Twaron®**

and grown. We now have state-of-the-art manufacturing facilities in Australia and the United Arab Emirates, an offering of over 8,000 products, and we supply organizations all across the world."

"We're very grateful for the excellent technical advice we receive from Teijin Aramid – they're always looking to work with us when we look for specific solutions."

### Leveraging Teijin's focus on high performance

Hellweg's success has been built on a simple premise: with personal protection products, only the very highest quality is acceptable. "Hellweg's products protect thousands of people from death or serious injury, in situations such as assaults involving handguns, shotgun pellets, clubs and knives," says Albert Hellweg, Managing Director. "There are no second chances. Hellweg needs to get it right first time. Because of this, we integrate only the highest quality materials into our products, such as Teijin Aramid's para-aramid fibers. We now utilize the fifth-generation aramid for our soft and hard body armor: it's 25% stronger, 25% lighter and 30% thinner and softer than the original product. This allows the manufacture of lighter-weight personal body armor that is very comfortable and allows for excellent maneuverability. We're very grateful



for the excellent technical advice we receive from Teijin Aramid – they're always looking to work with us when we look for specific solutions."

### Looking ahead: New factory, new products, more collaboration

Hellweg has a long history of developing market-leading security products, and the future looks equally bright. "The road ahead is certainly exciting for Hellweg, and, by extension, our partners," says Albert. "We've just moved into a new factory to handle the demand for our Australian-made products. We've also recently launched a new line of self-deploying shields, Hellweg TITON. These shields are unique in their rapid deployment and modular capabilities, and address an important area of end-customer demand. In part thanks to the integrated Twaron®, these shields can withstand the toughest conditions and offer extreme protection. In short, it's clear that Hellweg and Teijin Aramid can continue to develop innovative market-leading protection products.

Disclaimer: this data reflects our best knowledge at the time of publication. The content is subject to change as a result of new developments. It only contains a selection of the properties of the product(s) and is meant for commercial use only. Teijin Aramid gives no warranties and does not accept any liability regarding (i) the fitness of the products for any particular use, (ii) the correctness, completeness and usage of the information, (iii) the usage of the products (iv) or any infringement of any (intellectual or industrial) property of a third party. All intellectual property rights regarding this publication are the property of – or are licensed to – Teijin Aramid. Without our prior written consent, the reproduction and publishing of (parts of) this publication is prohibited.



#### For more information

Please e-mail us at:

[ballistics@teijinaramid.com](mailto:ballistics@teijinaramid.com)

or visit our website.