



Armadillo
Tex

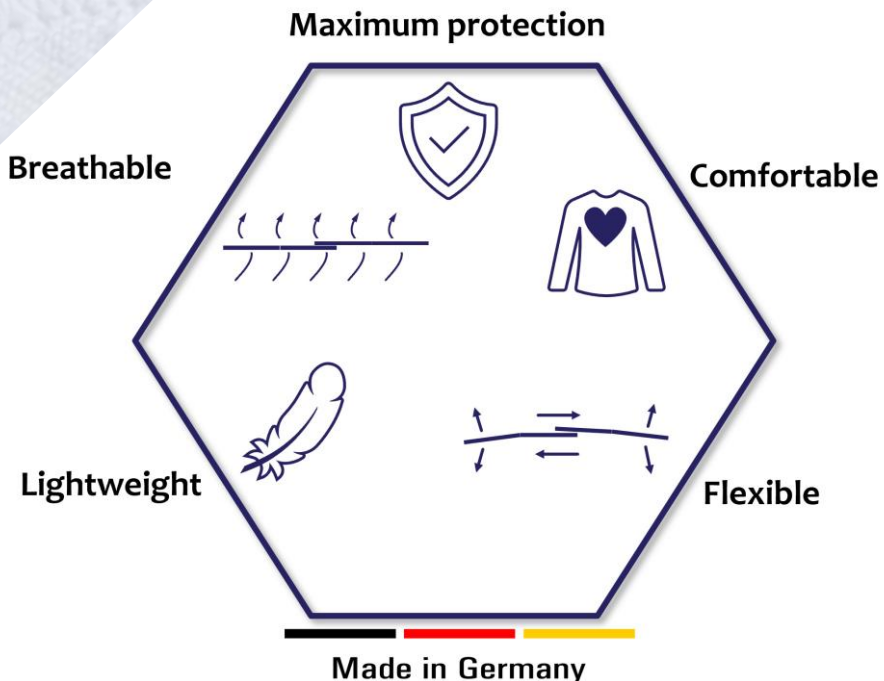
INNOVATIVE STAB PROTECTION
LIGHTWEIGHT & SECURE
COMFORTABLE
BREATHABLE



PRODUCT FEATURES AND THEIR BENEFITS

Our stab-proof products set new standards in safety, comfort and design. But it's about more than just low weight or comfortable wear – we combine reliable protection with a discreet look that seamlessly integrates into everyday life. Whether vests, jackets or hoodies – each item is crafted to meet the highest standards.

Below is an overview of all the advantages of our innovative protective clothing:



PRODUCT FEATURES AND THEIR BENEFITS

- 🛡️ **Lightweight** – Barely noticeable when worn – ideal for everyday use or extended wear
- 🛡️ **Flexible** – Adapts to the body and follows every movement
- 🛡️ **Comfortable** – The scale-like structure of the protective panels ensures a pleasant wearing experience
- 🛡️ **Breathable** – Keeps body temperature balanced – even during prolonged use
- 🛡️ **Concealable** – Discreet design allows for wearing under regular clothing
- 🛡️ **Extended Protection Area** – Full upper-body coverage for maximum safety
- 🛡️ **Optimal Fit** – Protective clothing for all body types, for both men and women
- 🛡️ **Certified** – Tested and approved according to VPAM standards
- 🛡️ **Comprehensive Protection** – Against stab weapons, cutting weapons, needles, and blunt force
- 🛡️ **VBG Funding Eligible** – Our products are eligible for a 40 % funding under VBG safety programs in Germany
- 🛡️ **Custom Solutions** – Tailor-made options for specific needs and use cases
- 🛡️ **Made in Germany** – Quality from Germany: developed and manufactured with the highest standards in craftsmanship and materials

ARMADILLO TEX TECHNOLOGY

Armadillo Tex GmbH sets new benchmarks in protective equipment with its advanced stab-proof vests, combining maximum safety with minimal weight and superior wearing comfort. The primary objective of our development was to engineer a state-of-the-art protective vest without metal elements, ensuring uncompromising protection while maintaining unrestricted mobility. The result is a solution that is exceptionally lightweight, flexible, and ergonomically optimized. Drawing inspiration from the natural armor of the armadillo, we developed a bionic scale architecture that achieves an optimal balance of structural stability and adaptive flexibility. Through the integration of high-performance carbon fibers, aramid, and specialized industrial yarns, we have created a breathable, high-durability protective system that fully complies with the highest international safety standards. This advanced material synergy ensures consistent protection performance while delivering long-term wearability. In contrast to conventional systems utilizing metal plates, chain mail, or multilayer Kevlar, our technology avoids the limitations of bulk, weight, and restricted airflow. Chain mail systems are heavy and provide insufficient resistance against fine, pointed threats, while traditional Kevlar constructions often compromise ventilation and wearer comfort. Our solution consolidates the protective advantages of these approaches while eliminating their inherent drawbacks, resulting in lightweight, breathable protection with full operational mobility.

Thanks to the breathable material technology, our vests remain comfortable to wear even in high-temperature environments or during extended operations. Their high flexibility ensures that the protective layers adapt to every body movement, effectively reducing perspiration and minimizing pressure points.



Another key advantage is the extended coverage. Whereas conventional vests typically cover only limited zones, our design provides protection for the front, back, and—optionally—the sides. The innovative scale structure conforms precisely to the body's shape while maintaining flexibility despite its high protective performance. Even in a seated position, the vest demonstrates its dynamic adaptability: the protective panel adjusts seamlessly to body posture and returns to its original form when standing. This ensures continuous protection of the sensitive abdominal area - a zone often neglected by many other protective systems. With this combination of safety, comfort, and flexibility, Armadillo Tex establishes a new benchmark in stab-proof vest technology.

MADE IN GERMANY

Armadillo Tex produces the majority of its high-quality stab protection vests in Germany. This “Made in Germany” quality guarantees the highest safety standards and durable construction. Local production enables continuous monitoring of the manufacturing processes, guaranteeing first-class products.

The product range includes covert vests, tactical vests, jackets and hoodies – all equipped with the proven Armadillo Tex technology. Whether for professional security forces or civilian applications, Armadillo Tex protection clothing stands for innovation, safety and superior comfort.

VBG-FUNDING

Another quality feature of our stab-proof vests is the VPAM certification according to KDIW 2004, which provides maximum protection against knives and stabbing weapons, as well as additional protection against blunt force trauma. Additionally, customers in Germany can benefit from funding through the Administrative Professional Association (VBG), which covers up to 40% of the purchase costs.



Made in Germany

CLASSIC OR PROFESSIONAL?

We offer our customers two product lines, the Classic Series and the Professional Series, to fulfil different protection requirements. Both series feature our innovative technology but offer varying levels of protection and advantages. The Professional Series is designed for those working in particularly high-risk situations and requiring maximum protection. This series is VPAM-certified and provides not only best stab protection but also reliable defense against blunt force impacts such as blows and kicks. Our Classic Series offers an even lighter and more flexible solution for less intense operational conditions. The vests in the Classic Series provide excellent protection against attacks from various stabbing and cutting weapons. This series is the ideal choice for those looking for a comfortable, flexible, and light-weight protection vest without sacrificing basic stab protection.



	Stab-proof series Professional	Stab-proof series Classic
	 	 
Material	Carbon- glassfiber composit on Aramide fabric	Glassfiber composit on Aramide fabric
Stab-resistance against blades	Certified according VPAM KDIW 2004 – class K1 (24 Joule)	~ 10 Joule *
Stab-resistance against needles	Corresponding to I1 *	Corresponding to I1 *
Strike resistance	Corresponding to W2 *	Low
Cutting protection	Full protection *	Full protection *
Weight (size L/XL)	2,1 kg	1,5 kg
Flexibility	Good	Very good
Comfort	High	Very high
Breathability	Good	Very good

* Not certified

PRODUCT VARIETY AND AREAS OF APPLICATION

Our stab-proof products set new standards in safety, comfort, and design. But it's about more than just low weight or comfortable wear – we combine reliable protection with a discreet look that seamlessly integrates into everyday life. Whether vests, jackets, or hoodies – each item is crafted to meet the highest standards.

Our products have been specially developed for a wide range of professions that require reliable protection in dangerous and unpredictable situations. Our stab-proof vests offer not only safety, but also maximum comfort and flexibility to fulfil the requirements of various fields of application. The main target groups include:

- ❖ **Security companies in event security and personal protection**
- ❖ **Security for the protection of properties**
- ❖ **Emergency services and fire departments in unpredictable situations**
- ❖ **Public order officers and authorities during public operations**
- ❖ **Bailiffs and prison staff during high-risk operations**
- ❖ **Locksmiths, bus drivers, train conductors, and postal workers in conflict-prone situations**

STAB-PROOF COVERT VEST HERKULES CLASSIC & PROFESSIONAL

The covert vest Herkules models combine modern stab protection with exceptional comfort, while remaining discreet and virtually invisible under clothing. Manufactured from innovative materials they are particularly lightweight, flexible and breathable. The vests adapt optimally to the body, making them ideally suited for extended operations. The Professional version is certified according to VPAM K1 and provides enhanced protection, while the Classic version impresses with its reduced weight. The removable protection inserts allows for hygienic cleaning, and the flexible stab-proof panels can be combined with different carrier covers (Orion, Herkules, Thor) ensuring maximum adaptability and cost efficiency.



Made in Germany

TACTICAL STAB-PROOF VEST THOR CLASSIC & PROFESSIONAL

The tactical vest Thor has been specifically developed for security and law enforcement personnel, combining reliable stab protection with high functionality. Constructed from innovative textile composites of aramid and carbon, they are lightweight, flexible, and comfortable to wear. The Professional version is VPAM K1 certified, while the Classic version impresses with its particularly low weight. Continuous front protection inserts in combination with a durable zipper combine secure coverage and easy donning. Reflective strips and Velcro panels enhance visibility and allow for individual customization, while the breathable mesh fabric ensures comfort even during extended operations. Removable protective inserts enable hygienic cleaning and flexible use with different carrier covers.



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STAB-PROOF SAFETY VEST ORION CLASSIC & PROFESSIONAL

The Orion models combine reliable stab protection with maximum visibility. The high-visibility neon yellow cover with reflective strips ensures excellent recognition both day and night. Multiple pockets and Velcro panels provide space for radios, identification, patches, or additional equipment. The Professional version is VPAM K1 certified and offers enhanced protection through carbon and aramid inserts, while the Classic version stands out for its low weight and high comfort. Breathable mesh fabric and flexible protection inserts ensure comfortable wear even during extended operations. Removable inserts allow for hygienic cleaning and can be interchanged between the carrier covers of Orion, Herkules, and Thor, providing maximum flexibility and cost efficiency.



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TACTICAL STAB-PROOF VEST ODIN CLASSIC & PROFESSIONAL

The Odin vest combines reliable stab protection with high functionality. Constructed from innovative materials such as aramid, carbon and fiberglass, it remains lightweight, flexible and comfortable to wear. Overlapping protective zones provide optimal all-around coverage. The Professional version is VPAM K1 certified and meets the highest safety standards. Equipped with a MOLLE system, Velcro panels, and adjustable shoulder and waist straps, the vest can be individually tailored and configured with a wide range of equipment. Removable protection inserts allow for easy, hygienic cleaning making it ideal for professional operations requiring both flexibility and comfort.



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STAB-PROOF JACKET POSEIDON CLASSIC

The Poseidon Classic stab-protection jacket provides discreet, full-coverage protection for the upper body—ideal for use in colder seasons. Its innovative textile composite, made from high-strength aramid and specialized polymers, is lightweight, flexible, and highly protection. The overlapping scale structure, inspired by the armadillo, ensures breathability and an optimal fit to the body. Weighing 3.1 kg (size L), the jacket is comfortable to wear, and the protection material can be individually adjusted via Velcro fasteners. Water-repellent, windproof, and equipped with a removable hood, the outer shell is easy to clean. The jacket thus combines protection, comfort, and flexibility in a high-quality outdoor product.



STAB-PROOF HOODIE PEGASUS CLASSIC

The Pegasus Classic stab-protection hoodie combines reliable stab protection with a discreet, everyday-appropriate design. The integrated protection panels, made from high-strength aramid and specialized polymers, are invisible, lightweight, and flexible. They can be individually adjusted and fully removed for hygienic cleaning. The overlapping scale structure, inspired by the armadillo, provides optimal flexibility, breathability, and high protection. This ensures maximum safety while maintaining excellent wearing comfort and ease of use making the hoodie ideal for daily wear, where both protection and freedom of movement are essential.



STAB-PROOF COVERT VEST PHÖNIX CLASSIC

The Phönix Classic stab-protection vest is a simple, reliable entry-level model for personal protection. Made from high-strength aramid with specialized polymers, it provides dependable stab resistance while remaining lightweight and high flexibility. Its discreet design allows the vest to be comfortably worn under everyday clothing. Breathable protection layers and an ergonomic cut ensure high wearing comfort, even during extended use. Removable inserts enable easy hygienic cleaning in a washing machine. The Phönix Classic vest is ideal for anyone seeking solid protection in a functional, unobtrusive design compact, lightweight, and dependable.





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