

## TurtleSkin Body Armor Is Science For Life

Engineered to a higher standard of performance safety and comfort, and tested beyond the industry's minimum requirements, TurtleSkin Body Armor proves that standards are meant to be challenged.

Why do we test more rigorously than anyone else? Your life depends on it.



### TurtleSkin SoftPlate™ Technology

#### Hard armor performance in a soft armor package

TurtleSkin SoftPlate technology has the best Level IIIA performance and blunt trauma protection of any concealable armor vest on the market.

#### Reduced Backface Trauma

Engineered to reduce backface signature—the impact the vest makes on the body after being hit—TurtleSkin Body Armor absorbs and dissipates more energy to reduce non-penetrating injuries associated with blunt trauma.



### Lifespan Performance Testing

**The Problem:** The damaging effects of flex, heat, and moisture reduce performance over time.

**Our Solution:** Age first, then test.

Your armor needs to perform as well in the fifth year as it does on day one. Our internal standards require that our TurtleSkin Body Armor endures the toughest laboratory aging process in the industry. We use an exclusive aging chamber to simulate wear—only then do we use the armor for ballistics testing.



## Carrier Design and Technology

TurtleSkin Body Armor provides the best ballistic protection, durability, concealability, and custom fit in designs for both men and women.



### Custom Sizing for Men & Women

TurtleSkin concealable vests are custom tailored to each individual. Extensive anthropometrical (body measurement) studies help us develop the most comfortable body armor designs for both men and women.

Evaluating the science behind body dimensions allows us to offer outstanding fit solutions to meet the requirements of women in the field.

#### TurtleSkin NS2 – Neoprene® Suspension System

With a durable Neoprene suspension system designed for optimal mobility, we use an innovative attachment method that suspends the ballistic panel within the carrier to evenly distribute load over the shoulders. This streamlined design also improves concealability and comfort.

#### TurtleSkin LS2 – Lumbar Support System

Our lumbar support system provides custom fit and better lower back support. A Neoprene strap fully extends around the torso, reducing armor panel kick-out, ride-up, and overlap discomfort. Side attachment guide loops make for easier adjustment during full-time use.

#### TurtleSkin Silver – Antimicrobial Defense

Silver fibers woven into the carrier fabric offer proven antimicrobial properties that help prevent bacterial growth and odor. A regular cleaning regimen optimizes antimicrobial performance.

#### TurtleSkin Moisture Barrier

A waterproof slipcover with welded seams extends the life and integrity of the ballistic panel by inhibiting moisture vapor uptake, which would otherwise degrade fibers over time.

## TurtleSkin Metal Flex Accessory (MFA)



**Advanced Multi-Threat Stab Protection**  
TurtleSkin Metal Flex Accessory (MFA) is the first material to provide protection from knife blades, spiked weapons, and hypodermic needle threats in one thin, flexible, and lightweight panel.

**Protection Level**  
TurtleSkin MFA offers a combination of NIJ Stab Level 3 and Spike Level 2 protection. It is the only flexible stab panel on the market that provides NIJ Stab Level 3 protection. As an added benefit, MFA improves overall performance of a ballistic package by further reducing blunt trauma.

### Protection Options

Military, police, law enforcement, security guards, and corrections officers can add MFA advanced stab protection in a variety of common sizes or custom built to user specs.

### Design Advantage

TurtleSkin MFA provides significant tactical advantages without sacrificing flexibility or concealability. MFA weighs less than 4.5 kg per meter squared and is less than 3.5 mm thick.

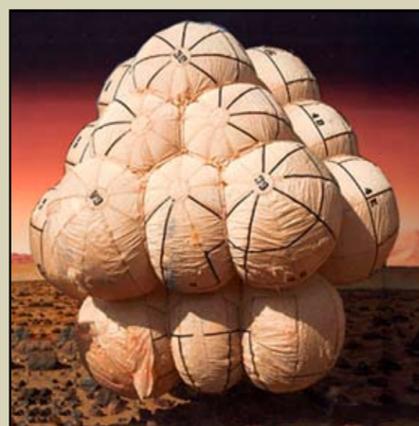
TurtleSkin MFA does not offer ballistic protection. It provides knife/spike stab protection only.



## You Don't Get Second Chances on Missions to Mars.

NASA chose Warwick to develop the critical fabric needed for explorations on Mars, including the successful Pathfinder, Spirit, and Opportunity missions through some of the harshest environments imaginable. Enduring the extreme cold of deep space and the flaming entry into Mars' atmosphere, Warwick's TurtleSkin crash bags allowed the Pathfinder to bounce as high as 50 feet before safely skidding to a stop on the planet's jagged surface.

Warwick's space age technology is now used to provide an exceptional level of protection and performance for a wide range of material applications.



TurtleSkin Body Armor offers revolutionary approaches to ballistic and stab protection. Warwick insists on quality and a commitment to life-safety products with superior engineering and customized options. Our materials science engineers specialize in the research and development of new composites for advanced solutions to the most technical problems.

603.291.1000

TurtleSkin.com

Engineered, designed, tested and built in the USA by Warwick Mills, Inc.

## TurtleSkin Body Armor

Engineered to a  
Higher Standard

