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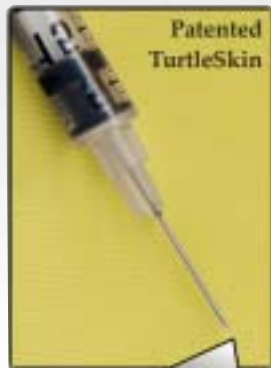
Finally..gloves that deliver Puncture Protection



How TurtleSkin Stops Punctures

TurtleSkin is a family of new patented materials that are woven with high-strength fibers to be very thin yet very protective. TurtleSkin gloves protect against threats from nails, wire, glass fragments, metal shards, wood splinters & all types of needles.

This magnified view shows how TurtleSkin's patented weave interlocks aramid fibers so tightly, they won't shift or leave gaps for needles & fine penetrators to slide past.



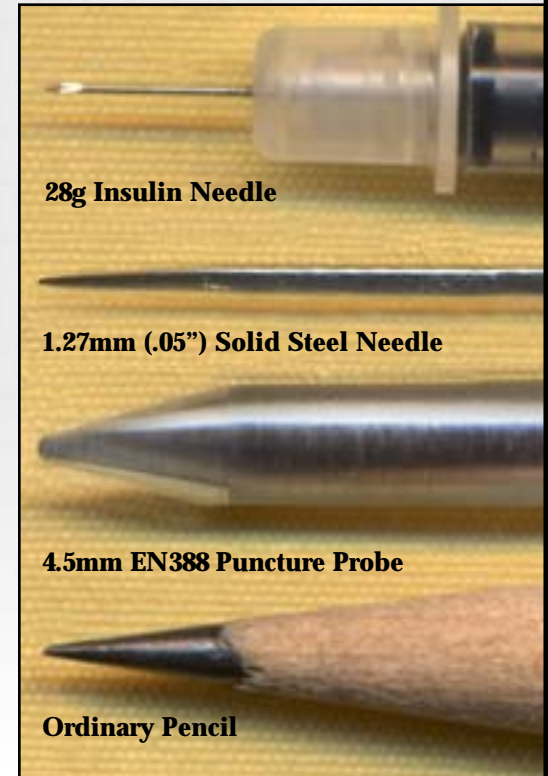
Magnified view of standard cut-resistant glove shows how gaps between aramid fibers can't stop punctures, letting fine penetrators like needles, glass fragments, and metal shards slip past.

TurtleSkin Puncture Tests

Not All Tests Are Created Equal

Before TurtleSkin was invented, gloves either couldn't stop a needle or were so thick, they sacrificed dexterity & comfort. The extra large puncture probe used for CE certification (European mechanical test EN388) relates to larger threats such as nails or barbed wire, but is not effective in determining high-risk applications like glass slivers, metal shards or needlesticks. Hypodermic needles themselves bend easily and are hard to test. Therefore no standardized needle tests exist.

To show TurtleSkin's effectiveness in this area, we modified EN388 in our ISO-9001 lab using a .05 inch (1.27 mm) hardened steel probe. This probe offers consistent, repeatable results while also providing a fine tip similar to those found on many sharp objects.



The TurtleSkin Advantage

Cut-resistant gloves have been around for years but fail to offer any puncture protection. Now TurtleSkin gloves offer both puncture and cut protection. Less than the thickness of three sheets of paper, TurtleSkin materials provide the protection you need without sacrificing flexibility, sensitivity or comfort. Four puncture protection levels are based on the resistance to a .05 inch solid steel needle.

Protection Level 1

Puncture Resistance: 10 - 35 ounce force

Protection Level 2

Puncture Resistance: 35 - 70 ounce force

Protection Level 3

Puncture Resistance: 70 - 100 ounce force

Protection Level 4

Puncture Resistance: 100 + ounce force



1.27mm (.05")
Solid Steel Needle

TurtleSkin Insider

Puncture Protection in any environment, wet or dry

TurtleSkin Insider not only works well on its own, it can be used inside all of your existing gloves to add cut & puncture protection. Use it inside a rubber glove for wet environments or with a bulkier glove for added thermal protection.

TurtleSkin Insider

Soft and comfortable, features a TurtleSkin aramid blend liner for puncture protection.

Puncture Protection: Level 1

Cut Protection: Good

Style # WPW-1A1

TurtleSkin Insider Plus

Features a 100% aramid liner for increased puncture and cut protection in palm.

Puncture Protection: Level 2

Cut Protection: Excellent

Style # WPW-2D1



TurtleSkin WorkWear

Soft supple leather palm with knit back for added comfort

Designed for tasks that require great grip, dexterity, tactile sensitivity, and above all cut & puncture resistance. This ultra-comfortable leather glove has a stretch-knit backing and a Velcro® closure at the wrist for better fit. Choose either a blended aramid liner for better comfort or an all-aramid liner for higher protection.



TurtleSkin WorkWear

Superior comfort and dexterity with blended aramid liner for good protection in palm area.

Puncture Protection: Level 3

Cut Protection: Good

Style # WWP-1A1

TurtleSkin WorkWear Plus

Features superior protection with 100% aramid-lined palm that wraps over fingertips for better protection.

Puncture Protection: Level 3

Cut Protection: Excellent

Style # WWF-2D1



TurtleSkin Utility

Advanced Puncture Protection with a full, washable leather shell

Through continuous improvements and feedback, we strive to provide high levels of protection to areas of the hand at risk during demanding work. TurtleSkin Utility Gloves offer new levels of protection in the palm area, particularly to fine needles, without sacrificing your dexterity or comfort.

TurtleSkin Utility

Features the highest resistance to very fine penetrators and softens the more you wear it.

Puncture Protection: Level 3

Cut Protection: Excellent

Style # UPW-4D1



Below you can see the areas of protection in the palm and fingertips and side of index finger.



TurtleSkin FullCoverage

Entire hand protection — from fingertip to forearm

While no glove is puncture or cut proof, TurtleSkin Gloves offer a new level of protection with both cut and puncture in one glove. TurtleSkin FullCoverage Gloves give you protection covering the entire hand. The gloves come in two levels of protection and comfort. As the protection and durability go up, the comfort level may go down. Choose the right amount of protection you need with the greatest amount of comfort.



TurtleSkin FullCoverage Natural
Superior Comfort: aramid TurtleSkin blend offers great dexterity & moderate puncture protection in all areas of glove.

Puncture Protection: Level 1

Cut Protection: Good

Style # FCN-1A1

TurtleSkin FullCoverage Natural Plus
Increased Durability: added coating on aramid blend offers better wear with good dexterity and moderate puncture.

Puncture Protection: Level 1

Cut Protection: Good

Style # FCN-2AC



TurtleSkin FullCoverage 100% Aramid

Good Comfort: has higher puncture protection and retains comfort throughout entire glove.

Puncture Protection: Level 2

Cut Protection: Excellent

Style # FCA-3A1

FullCoverage 100% Aramid Plus
Superior Durability: added coating offers better wear and grip with good puncture protection everywhere.

Puncture Protection: Level 2

Cut Protection: Excellent

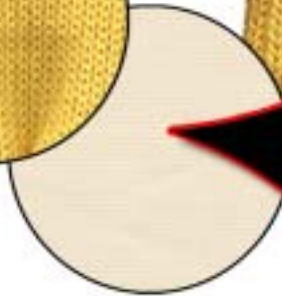
Style # FCA-4AC



TurtleSkin Knit Gloves

Both aramid and cotton string knit gloves can be lined with TurtleSkin materials to achieve Level 1 or 2 puncture resistance. Now you can put extra protection where you need it most -- in the palm of your hand. At last, gloves that sacrifice neither hand protection nor comfort. The aramid fiber in the string knits also offers excellent cut resistance throughout the hand. Back of hand puncture protection optional.

Choose outer shell string knit in aramid or cotton



Inner layer of patented TurtleSkin Protective Materials



Choose Your Protection Level



TurtleSkin Aramid Knit

TurtleSkin Aramid
Puncture Protection: Level 1
Cut Protection: Excellent
Style # APW-1A1



TurtleSkin Aramid Plus
Puncture Protection: Level 2
Cut Protection: Excellent
Style # APW-2D1



TurtleSkin Cotton Knit

TurtleSkin Cotton
Puncture Protection: Level 1
Cut Protection: Good
Style # CPW-1A1



TurtleSkin Cotton Plus
Puncture Protection: Level 2
Cut Protection: Excellent
Style # CPW-2D1

TurtleSkin SevereGear

Lightweight Protection

Our patented technology has produced a glove with astonishing cut and puncture resistance, while remaining lightweight & comfortable. TurtleSkin SevereGear gloves do not have the stiff, bulky seams found in other protective gloves. This gives them outstanding protection with the dexterity and tactile sensitivity needed to perform daily tasks. The mechanical properties of this 100% aramid glove are then further enhanced by its patented weave and coatings, giving it outstanding cut and puncture resistance.



TurtleSkin SevereGear

Our SevereGear Gloves feature a bonded ceramic TurtleSkin material throughout the palm for greater puncture and cut protection. All other areas feature an aramid knit for complete cut protection.

Puncture Protection: Level 3

Cut Protection: Excellent

Style # TSP-300



TurtleSkin Sleeves

Level 4 Protection for the wrist and forearm

The TurtleSkin Sleeve and TurtleSkin Sleeve Plus are constructed of two-layers of TurtleSkin puncture and cut-resistant materials. The inner layer is a medium-weight TurtleSkin that is soft on the skin — tough on needles and sharp edges. The outer layer is a coated TurtleSkin that is tough enough for the harshest environments. This combination results in a rugged sleeve that protects you against punctures and cuts while remaining soft and comfortable.

TurtleSkin Sleeve

From wrist to just below the elbow. Available in S, M, L, XL which have lengths of 8, 9, 10, & 11 inches.

Puncture Protection: Level 4

Cut Protection: Excellent



Style # SFX-DG2

TurtleSkin Sleeve Plus

Offers an added extension over the back of the hand as well. Available in S, M, L, XL which have lengths of 8, 9, 10, & 11 inches.

Puncture Protection: Level 4

Cut Protection: Excellent



Style # SBL-DG2

TurtleSkin Sizing Chart

Use the longest length or width to determine your correct glove size.

Width Measurement:

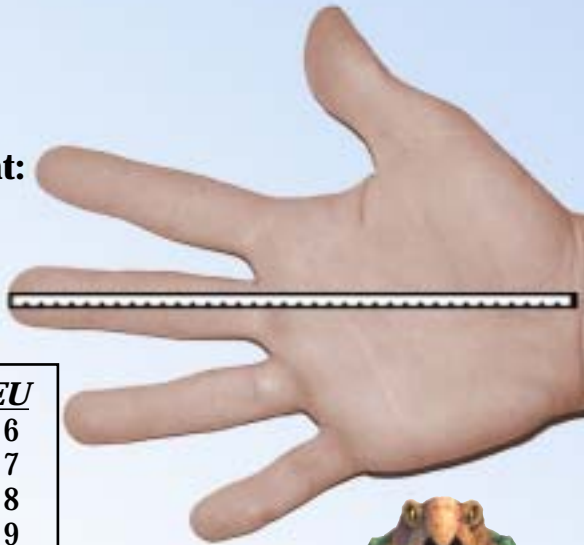
Wrap measuring tape around your dominant hand just below knuckles, excluding thumb. Make a fist.



<u>Sizing</u>	<u>US</u>	<u>EU</u>
6 - 7 inches	XS	6
7 - 8 inches	S	7
8 - 9 inches	M	8
9 - 10 inches	L	9
10 - 11 inches	XL	10
11 plus inches	XXL	11

Length Measurement:

Measure from bottom edge of palm to the tip of your middle finger.



<u>Sizing</u>	<u>US</u>	<u>EU</u>
6 ⁵ / ₁₆ inches	XS	6
6 ³ / ₄ inches	S	7
7 ³ / ₁₆ inches	M	8
7 ⁹ / ₁₆ inches	L	9
8 ¹ / ₁₆ inches	XL	10
8 ⁷ / ₁₆ inches	XXL	11



You don't get second chances on missions to Mars.

That's why NASA chose Warwick to develop a protective TurtleSkin system to prevent punctures to the crash bags for their Mars *Pathfinder* landing. As light as a man's shirt, these unique materials were chosen again for the Mars *Spirit* & *Opportunity* landings in January 2004.

Many demanding customers such as the US Military, Olympic athletes, L.L.Bean, Ford Motor Co., and Boeing depend on our commitment to quality. From the sails used on America's Cup racing yachts to the blimps flying over the Super Bowl, you'll find Warwick's products where quality, durability and performance matter most.

For more information, visit www.warwickmills.com

