Cut & Slash Resistance Product Information





Material Comparision/Information

UHMWPE--Ultra-high-molecular-weight polyethylene (type of polyolefin)

- 1. Tensile strength: The tensile strength up to 3600MPa, Density 0.97, which is 15 times stronger than steel.
- 2. Cut Resistance of Hardness (Passivation): The Core-spun yarn is from core elements such as Core-steel or fiberglass materials.
- 3. Cut Resistance of Lubricity (Smoothness): The yarn made of HPPE (sliding yard-TenActive) mothed which can let blade slides on its surface easily and hardly cut-in.
- 4. Keep cooling: HPPE helps more breathability, non-absorbency, quick dry functions.
- 5. Disadvantages: "not high temperature resistant" UHMWPE needs to avoid heating and also washing temperature does not exceed 40°C

Hera-tex®— With KEVLAR (Aramid) contains

- 1. Tensile Strength: With the tensile strength up to 3620MPa, Density 1.445, which is 5 times stronger than steel.
- 2. Cutting Resistance of Hardness (Passivation): The Core-spun yarn is from core elements of Core-steel only.
- 3. Patent design of multi-layers lamination to protect the UV disadvantage of KEVLAR.
- 4. By using this Unique Patent Design, INVISIBLE SHIELD could provide variety and variability backpacks, jackets, racing suits, etc.
- 5. Disadvantages: Kevlar cannot be bleached, ultraviolet rays poor.

Cut & Slash Resistant Product Range

Invisible Shield - BLADE BUSTERS®



ECTJ41909

BLADE BUSTERS®
DENIM TANK TOP



BLADE BUSTERS® CLASSIC JACKET



BLADE BUSTERS® TATICAL JACKET



ECTB03

BLADE BUSTERS®
CLASSIC BACKPACK



ECTG20-1

BLADE BUSTERS®
PHANTOM TATICAL
GLOVES



ECTG20-2

BLADE BUSTERS®

DARK KNIGHT

TATICAL GLOVES

Cut & Slash Resistant Product Range



ECTJ41908

BLADE BUSTERS®
CAVALIER JACKET



ECTJ41903

BLADE BUSTERS®
CASUAL JACKET

INVISIBLE SHIELD - BLADE-BUSTERS® PRODUCT

Design: As Hera-tex,[®] the cut-resistant fabric is laminating the KEVLAR as middle layer which can be designed with variety outer material with fashion elements. (OEM is welcome)

Applicability: variety designs jacket and multi-function backpacks, choose appropriate style in different occasion, to achieve concealed protection effect.

Why Invisible Shield?

Our exclusive innovation patent design



https://youtu.be/gjiqiXl_V4s

INVISIBLE SHEILD – BLADE BUSTERS® product is made with KEVLAR material plus "lamination technology" Patent design which become the most difficult and complex working procedure of anti-cutting material and the finished design cloth. KEVLAR material will be laminated as inner layer to present its advantage and hide its poor UV rating.

This patent design of exclusive laminating process offers many advantages:

- "Multi-variety" outer fabrics changes can design various kinds of clothing.
- 2. "Structure Strengthening" with patent design of innovated laminating technology, the structural strength are improved.
- → From design, we have variety fabric pattern designing. From terrorist hacking, not worry for slash by machete, Bowie and an impact force, it may only leaves a crease marks on the surface of the apparel, not caused structural fracture phenomenon.

(This fabric composed laminating technology have patents in Taiwan, China and U.S.)

The differency of the Testing

"Cut and Slash Resistance" fabric's test method are based on EN388:2016. Actually, formally named it "puncture resistance and cut resistance" test

The test of "resistance" is using "steel nails" downwards to the fabric with pressure, or with the circular blade cutting back and forth, till fabric brusted. Back to reality, will the terrorist using knife stab slowly, or cut back and forth?

"So this detection only for emphasize fabric structure, not suit for real life properly!"

The picture on the left is a general "PE cut-resistant fabric", it has extremely high cutting resistance, but the smooth characteristics of PE, when the knife is inserted between the fabric structure, no matter the fabric gap is obvious or tight, if there is no further post-processing strengthening.

The blade can easily open the fabric and slide in and penetrate, thus hurting the body! As the result, we would find out using the PE as the material could only emphasizes the strength and cutting performance of the fabric structure.

By using the "KEVLAR cut-resistant of Hera-tex® fabric" which is made by our unique patent lamination technology that making the fabric completely close to ensure that the structure is strengthened and difficult to pierce.

However, if it is a sharp knife with high hardness, it may be pierced due to its angle and strength.

The INVISIBLE SHIELD jacket is also designed with a replaceable anti-cutting panel (optional) can be placed into the inner designed pocket to resist the sharp knife edge for achieving a perfect protection effect.





Cut & Slash Resistance Brand - Invisible Shield





Welcome for dealership or agency for further communicate..



ECTJ41908

BLADE BUSTERS®
STAND COLLAR JACKET

Elastic fabric combined with Hera-tex® patent fabric, through the neat tailoring design, supplemented by splicing material for trimming.

SIZES SPEC	S	M	L	ХL	2 L
SHOULDER	17 1/4"	17 3/4"	18 1/8"	18 5/8"	19 1/4"
1/2CHEST	21"	22"	23"	24"	25"
SLEEVES	24"	24 1/2"	24 1/2"	25"	25 1/2"

Composition

SHELL: POLYSTER 90%

SPANDEX 10%

INNER: KEVLAR 100%

LINING: POLYSTER 100%





ECTJ41905

BLADE BUSTERS® CLASSIC JACKET

Using POLY fabric laminating with Hera-tex® patent fabric, its texture of the formal dress with simple design, sharp cut, integrates protection into various occasions of socializing.

SIZES SPEC					
	S	M	L	ХL	2 L
SHOULDER	17 1/2"	18"	18 1/2"	19"	19 1/2"
1/2CHEST	21"	21 3/4"	22 1/2"	23 1/4"	24"
SLEEVES	24"	24 1/2"	25"	25 1/2"	26"

Composition

SHELL: POLYSTER 90%

SPANDEX 10%

INNER: KEVLAR 100%

LINING: POLYSTER 100%





ECTJ41907

BLADE BUSTERS® TATICAL JACKET

Using POLY fabric laminating with Hera-tex® patent fabric, combined with the variety protection cloth image, multi-functional pocket.

SIZES SPEC	S	М	L	ХL	2 L
SHOULDER	20 1/2"	21 1/4"	22"	22 3/4"	23 1/2"
1/2CHEST	20 5/8"	21 5/8"	22 5/8"	23 5/8"	24 5/8"
SLEEVES	23 1/4"	23 3/4"	24 1/4"	24 3/4"	25 1/4"

Composition

SHELL: POLYSTER 90%

SPANDEX 10%

INNER: KEVLAR 100%

LINING: POLYSTER 100%





ECTJ41908

BLADE BUSTERS® CAVALIER JACKET

Using Suede fabric laminating with Hera-tex® patent fabric, based on the silky texture, combined with the cavalier style, design nubuck at elbow pad to feel more personal style.

SIZES SPEC	S	M	L	ХL	2 L
SHOULDER	16 3/4"	17 3/8"	17 3/4"	18 3/8"	18 3/4"
1/2CHEST	19 1/8"	20 1/8"	21 1/8"	22 1/8"	23 1/8"
SLEEVES	25 1/2"	25 1/2"	25 1/2"	25 1/2"	25 1/2"

Composition

SHELL: POLYSTER 90%

INNER: KEVLAR 100%

LINING: POLYSTER 100%





ECTJ41909

BLADE BUSTERS® DENIM VEST

Using Denim fabric laminating with Hera-tex® patent fabric, craftsmanship texture combined with denim, protection with the spirit of the craftsman and express the pursuit of details.

SIZES SPEC	S	M	L	ХL	2 L
SHOULDER	15 1/4"	16"	16 3/4"	17 1/2"	18 1/4"
1/2CHEST	19 1/2"	20 1/2"	21 1/2"	22 1/2"	23 1/2"

Composition

SHELL: POLYSTER 20%

COTTON 80%

INNER: KEVLAR 100%

LINING: POLYSTER 100%





ECTG20-1

BLADE BUSTERS®

DARK KNIGHT

Tactical gloves

The design with the Hera-tex® patent fabric as the mail shell, supplemented by stitching on the details to increase mobility, and adding a crash pad at joint, so that the protection can be so diverse and convenient.

TEST REPORT

1	Cut resistance
2	Puncture resistant

- 3 Abrasion resistance
- 4 Tear strength resistance
- 5 Contact heat
- 6 Cutting resistance TDM
- 7 Dexterity
- 8 Cutting resistance TDM

[EN	388:2016]	Level 4
[EN	388:2016]	Level 3
[EN	388:2016]	Level 4
[EN	388:2016]	Level 4
[EN	407:2004]	Level 1
[EN	ISO 13997:1999]	Level 5
[EN	402:2003+A1:2009]	Level D
[AS	TM F2992 /F2992M-15]	Level A





ECTJ41903

BLADE BUSTERS®
CASUAL JACKET

Using knitted fabric laminating with Hera-tex® patent fabric, blending the western denim style, the protection is no longer just a heavy image, but integrated into daily life.

SIZES SPEC	S	M	L	ХL	2 L
SHOULDER	16 1/2"	17 1/4"	18"	18 3/4"	19 3/4"
1/2CHEST	21"	22"	23"	24"	25"
SLEEVES	24 1/2"	24 1/2"	25"	25 1/2"	26"

Composition

SHELL: POLYSTER 100%

INNER: KEVLAR 100%

LINING: POLYSTER 100%





ECTJ41904

BLADE BUSTERS®
PATCHWORK JACKET

Using knitted fabric laminating with Hera-tex® patent fabric, blending a casual atmosphere, adopting a shoulderless design, combined with multi-piece cutting, protection is no longer just a heavy image, but a comfortable life.

SIZES SPEC	S	М	L	ХL	2 L
SHOULDER	18"	18 3/4"	19 1/2"	20 1/4"	21"
1/2CHEST	20 5/8"	21 5/8"	22 5/8"	23 5/8"	24 5/8"
SLEEVES	24"	24 1/2"	25"	25 1/2"	26"

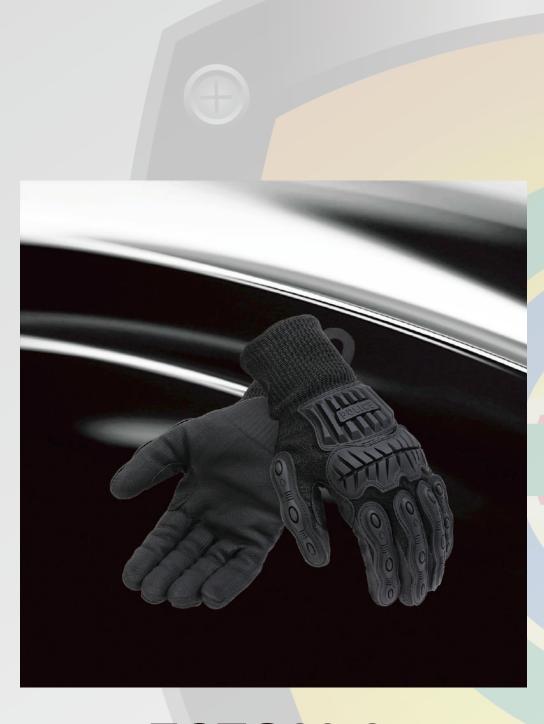
Composition

SHELL: POLYSTER 100%

INNER: KEVLAR 100%

LINING: POLYSTER 100%





ECTG20-2

BLADE BUSTERS®
DARK KNIGHT
Tactical gloves

TEST REPORT

1	Cut	resis	tanc	е

- 2 Puncture resistance
- 3 Abrasion resistance
- 4 Tear strength resistance
- 5 Contact heat
- 6 Cutting resistance TDM
- 7 Dexterity
- 8 Cutting resistance TDM

EN 388 : 2016]	Level 4
EN 388 : 2016	Level 3
EN 388 : 2016]	Level 4
EN 388 : 2016]	Level 4
EN 407 : 2004]	Level 1
EN ISO 13997:1999]	Level 5
EN 402:2003+A1:2009	Level D
(ASTM F2992 /F2992M-15)	Level A

The design with the Hera-tex® patent fabric as the mail shell, supplemented by stitching on the details to increase mobility, and adding a crash pad at joint, so that the protection can be so diverse and convenient.

















