

TAIWAN CHIN CO., LTD.

DEFINE NEW TEXTILE SPIRIT.

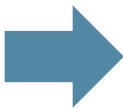
COMPANY INTRODUCTION

Create and innovate textile
technical to improve human being
orient value, convince better life.

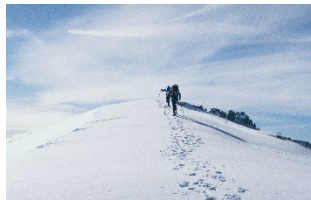


Content

**Management
Philosophy**



**Integrated
service strategy**



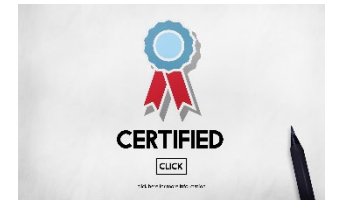
**Company
Milestone**



**Product
Line**



**Certificate
& Patent**

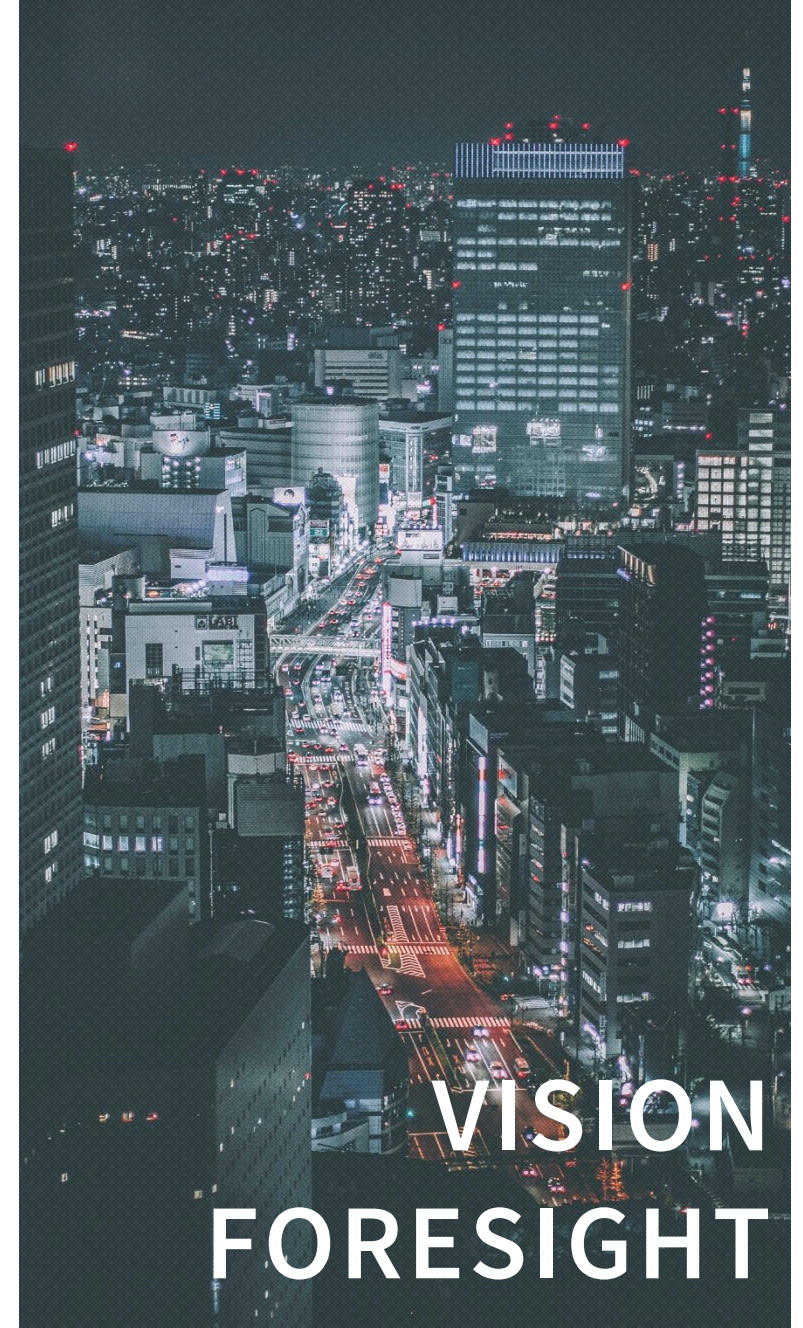


Management Philosophy

We have years of experience in the textile industry, with a primary focus on developing functional fabrics. **Our goal is to remind consumers that functional clothing can be a part of everyday life, not limited to special sports, industries, or enforcement systems. We assert that our textiles can be flexibly applied in diverse applications.**

We have created numerous exclusive patented fabrics, both domestically and internationally, which have improved our company's overall outlook. We are committed to local manufacturing in Taiwan while expanding globally, with the aim of showcasing Taiwan's exceptional textile technology once again. With a talented team that fearlessly applies various techniques, we aspire to make our mark on the world.

Example for diversity applications



Diversity of applications

AQUA BUSTERS - Waterproof Fabric Series



AQUA BUSTERS is a waterproof fabric series designed to offer ultimate protection and freedom of movement. This fabric combines multiple functions such as **elasticity, waterproofing, breathability, moisture permeability, and long-lasting water repellency**. No matter the weather, AQUA BUSTERS keeps you dry and comfortable, allowing you to move freely. It not only provides reliable protection but also ensures every step you take is vibrant and energetic.

Enforcement system used



Outdoor & Daily used

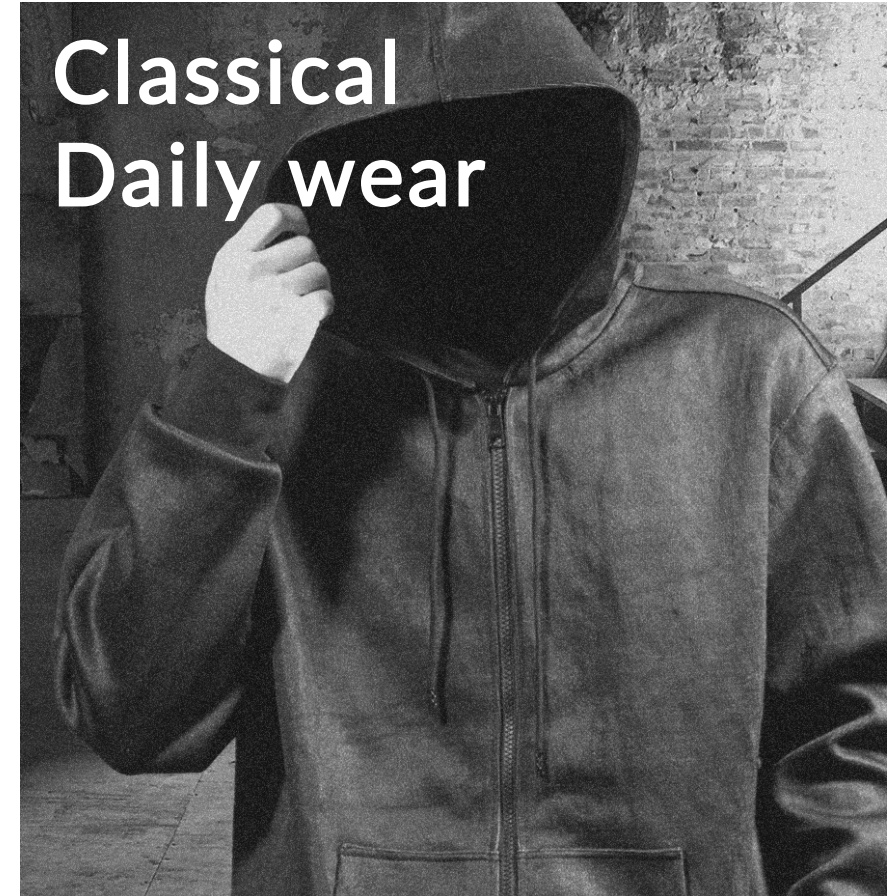
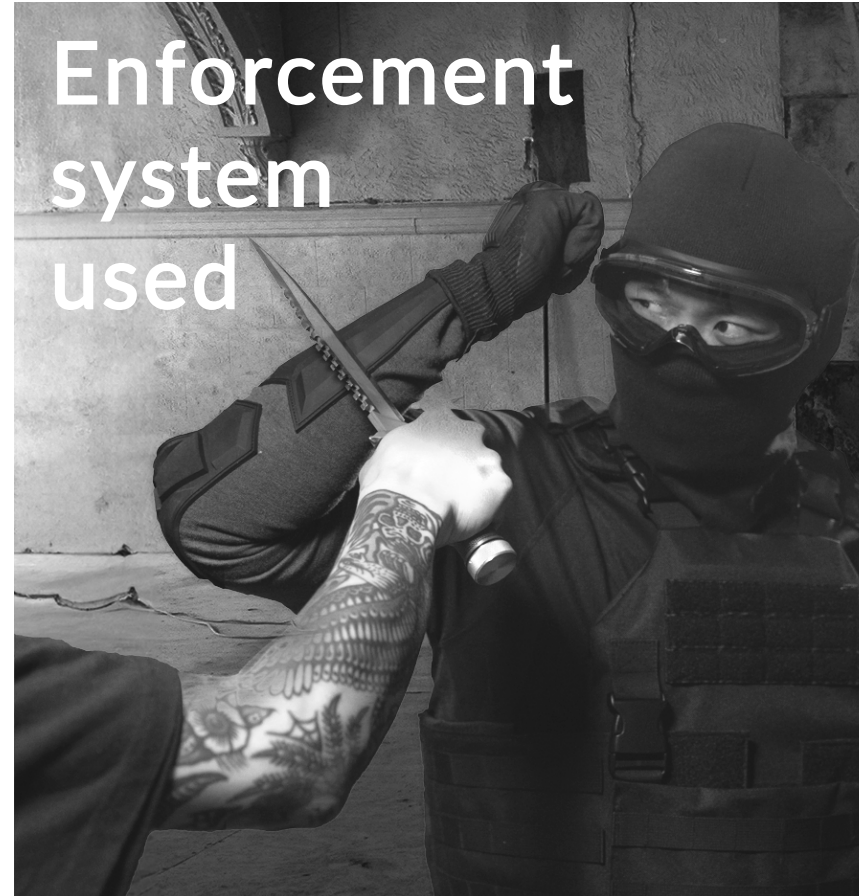


Diversity of applications

BLADE BUSTERS Cut Resistant Fabric Series



The **BLADE BUSTERS** series provides safety and protection for individuals working in high-risk environments. This **cut-resistant fabric** not only offers superior **protective performance** but also features a blend of **elasticity** and **non-irritating** properties. It effectively minimizes the risk of accidental injury without compromising your mobility, allowing you to stay focused and safe in dangerous situations.

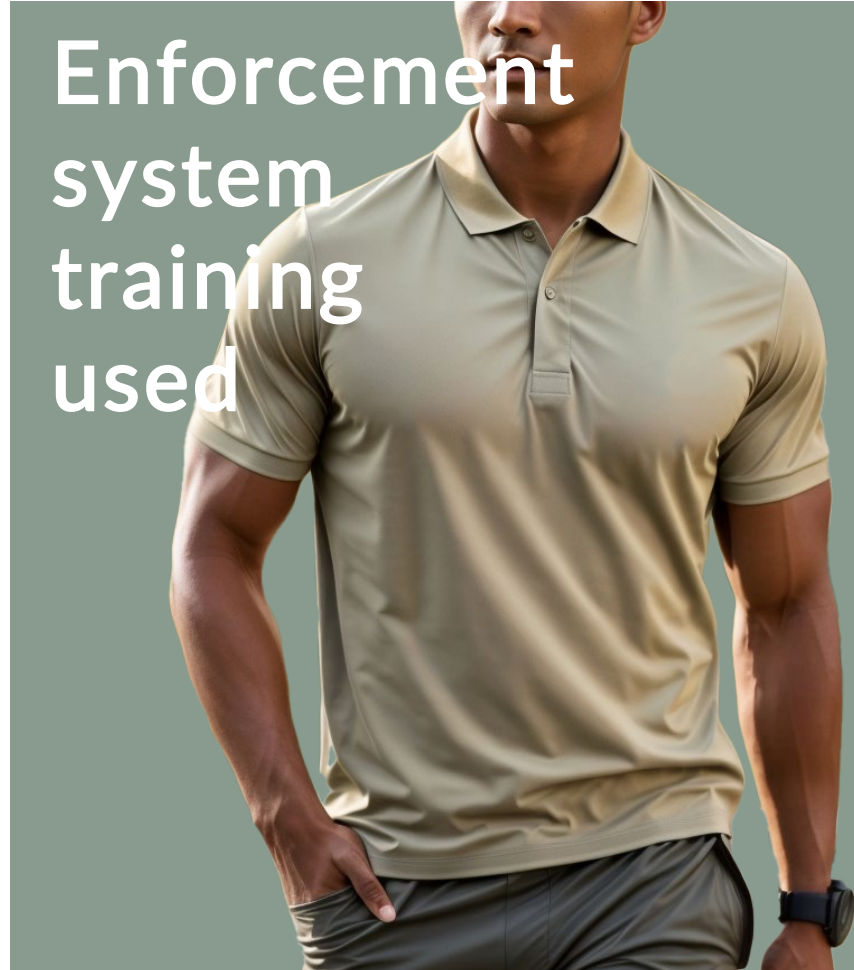


Diversity of applications

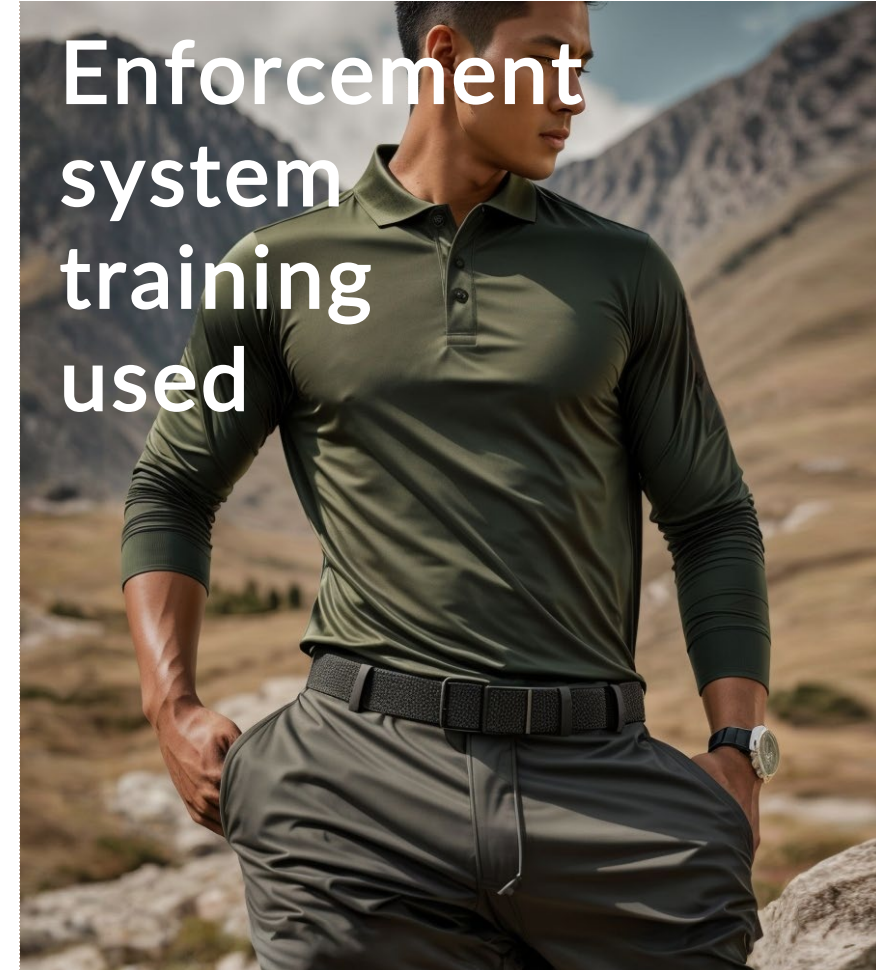
RESILIENT TECH - Highly Breathable,
Multifunctional Knitted Fabric

RESILIENT TECH is a highly breathable, multifunctional knitted fabric designed for comfort during prolonged activities. It combines superior breathability with a variety of functions, including **anti-pilling**, **snag-resistance**, **moisture-wicking**, **mosquito-repellent**, and **odor-eliminating** properties. Whether you're on a long trek or an intense workout, Resilient Tech ensures you stay comfortable and focused on the task at hand.

Enforcement
system
training
used



Enforcement
system
training
used



Diversity of applications

STURDINESS PACK - High-Abrasion-Resistant Fabric for Gear

STURDINESS PACK is an exceptionally durable fabric engineered specifically for tactical gear. This fabric features high **tear resistance**, **abrasion resistance**, and **snag resistance**, making it incredibly reliable and built to last. Designed for high-performance tactical applications, Sturdiness Pack provides a robust and dependable foundation for your gear, ensuring it's ready for any mission.

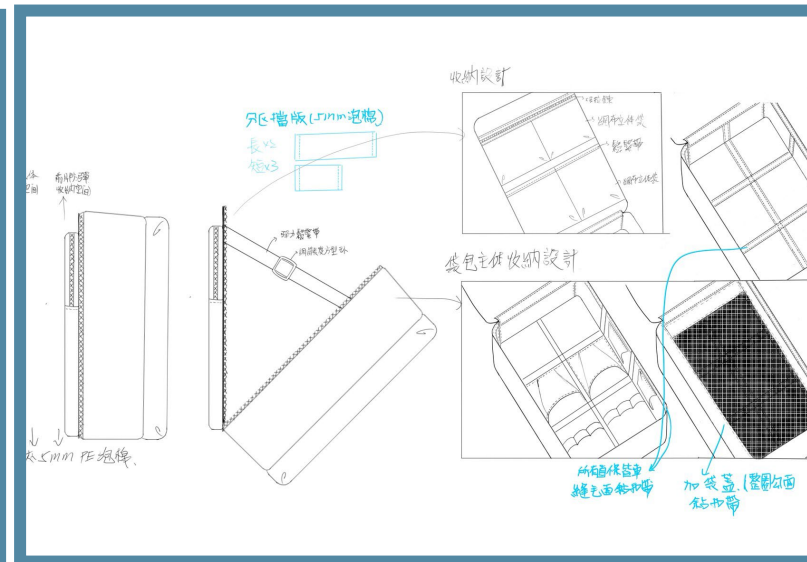
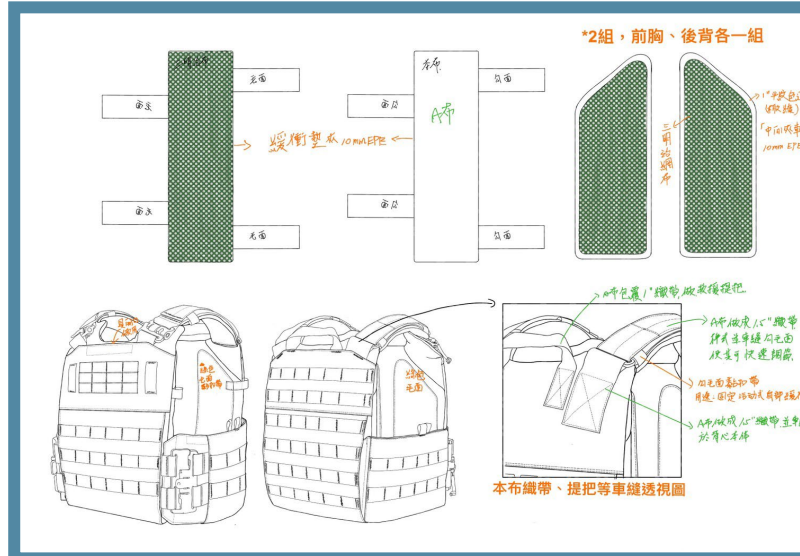
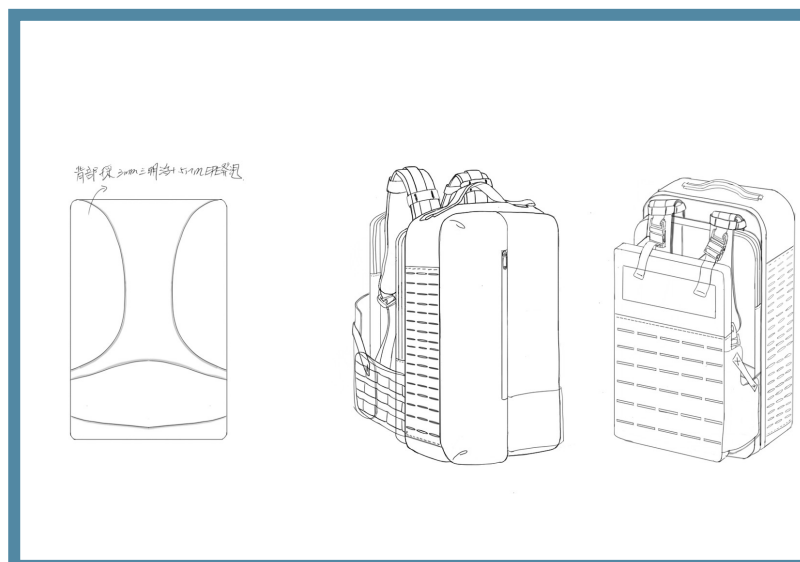
Military & Tactical Used



Daily Protection



service strategy



Company Milestone

Since 1997~ To date



Since 1997



Focus on nano spinning technic

2004



Certificate - Moisture absorbing & Quick drying

2005



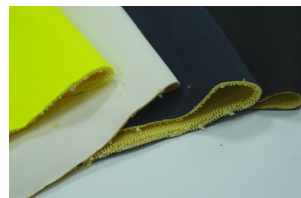
Certificate - Far infrared ray

2007



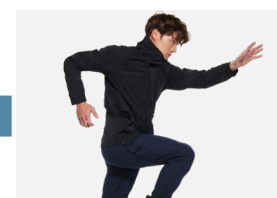
Patent - Fire resistant knitted fabric

2015



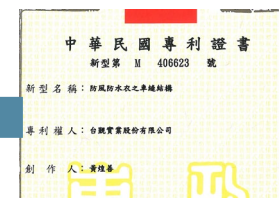
Start to develop the cut resistance fabric and

2012



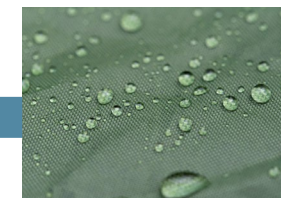
Start to participate in Taiwan waterproof bid

2011



Patent - waterproof stitching skill

2009



SBIR - Development of multifunctional textiles

2017



1. Registered trademark of BLADE BUSTERS
2. Designing the Taiwan's new police uniform

2018



First Company to Pass Energy saving Shirt

2020



1. Be selected in (MOEA)
2. Delivered gown to Singapore

2022~ To date



FILA collaborate with our AQUA BUSTERS fabric in Taiwan's bid

Chronicle of events



- 2009 Conducted **SBIR** (Small Business Innovation Research) funded by Ministry of Economics Affairs on Development of Wear Resistance, Windproof, and Multifunctional Textiles.
- 2012 Conducted **SBIR** (Small Business Innovation Research) funded by Ministry of Economics Affairs on Development of Parallel Spinning Technology
- 2016 Wins [Taiwan MIT Gold Award]
- 2017 Uniform design and produce for torch relay of 【Universiade】 in Taipei, Taiwan
- 2017 Wins [Taiwan MIT Gold Award]
- 2017 **Designed and Manufactured 2018 Taiwan's New Police Uniform**
- 2018 Conducted CITD (Conventional Industry Technology Development) Proposal on Multifunctional Protective Clothing Technology Development
- 2018 Wins [Taiwan MIT Gold Award] (3rd year in a row)
- 2018 **Taiwan's First Company to Pass Energy saving Shirt Manufacturing. Certificate #:RC&12001C**
- 2019 Provided Technical Assistance on Fireproof and Puncture Proof Work Clothes Development
- 2020 **Assist in Ministry of Economic Affairs (MOEA) in developing pandemic prevention products.**
- 2020 Cooperate with company, Nanotech, **delivered the isolation gown to Singapore government**
- 2022 **Collaborating with brand, FILA, we have secured a contract with the Army for 100,000 raincoats using our patented waterproof fabric**



Our products all received
MIT Taiwan Excellence Award,
Taiwan nano Mark Certification,
Taiwan Functional Textile Certification.

Main Product Line – AQUA BUSTERS

Over 15 years of continuous experience.



NEW GENERATION TECHNOLOGY

To combat the typical flaws of other waterproof fabric, such as moisture retention and limited stretchability. Our product is designed to be suitable for extreme weather and temperature conditions while ensuring comfort in harsh environments.

Major Advantage

Proprietary technology- Lamination

Durable & Elastic fabric

High-strength membrane

Long lasting water repellency



MOISTURE TRANSFER



WATER PROOF



BREATHABLE



WIND PROOF



ELASTIC

Main Product Line – BLADE BUSTERS

Over 10 years of continuous experience.



THE MOST COMFORTABLE PPE

Our product line comes with a range of innovations. Featuring enhanced durability and cut resistance, the new 'Blade Busters' combines our advanced high-strength materials with increased resistance to cuts and slashes, all while maintaining a softer feel. The product are designed to prepare you for unexpected risks.

Major Advantage

Aim to provide the comfortable way to wear with highly protection skill.

1. All product line - Non glass fiber
2. Cooler series - UHMWPE base fabric
3. Smooth texture series - KEVLAR base fabric
4. Fabric type - More then 10 sets
5. Technic - Stretchable, softness, Can be laminated, Can be customized
6. Application - gloves, sleeves, jacket, sportwear style garment, tactical style garment, workwear, etc

Main Product Line – Sturdiness Pack

Over 8 years of continuous experience.



User-Centric Equipment Design

Beginning with the development and production of cut-resistant protective bags for daily use, we have continually advanced our product planning and manufacturing capabilities. With strong production capacity, we have expanded into tactical bags and gear, upholding a people-oriented philosophy. Through ongoing communication, co-creation, and field testing with frontline users, we design diverse tactical equipment for various missions.

TACTICAL LONG RANGE BACKPACKS

本款大背包專為應對最嚴苛的戰術環境而設計，從原創的產品設計、材質的極致耐候性、配件的精工巧思，到整體結構的卓越功能與背負舒適性，每一處細節都體現了對專業與實戰的深刻理解。



Major Advantage

Aim to combine innovative development with real user needs to create highly practical, multifunctional, and modular gear.

Certificate

FUNCTIONAL
CLOTHING

台灣機能性紡織品驗證合格證書		Taiwan Functional Textile Certificate	
合格證號: TFT04-G0000-009 有效期間: 自民國 93 年 12 月 03 日起 至民國 9		Certificate No. TFT04-G0000-009 Validity: From December 03, 2004	
公司名稱: 台觀實業股份有限公司 公司地址: 台南縣永康市永大一路 202 號 產品名稱: 灰色吸濕速乾布料 驗證模式: 逐批驗證 驗證項目: 吸濕速乾紡織服飾品(TTF-0007)90.8.7 等		Taiwan Functional Textile Certificate	
上記紡織品經本會審核與「中華民國紡織業拓展品品質驗證制度實施辦法」之規定相符, 特證書以資證明。		This is to certify that the above-mentioned textile has been examined by this Federation to be in conformity with the Taiwan Functional Textile Standards.	
董事長 何 鈞		Chairman: [Signature]	
中華民國 九十三 年 十二 月 三		Date: December 9, 2005	

Taiwan Functional Textile Certificate

1. Moisture absorbing & Quick drying
2. Far infrared ray

MIT 微笑產品臺灣金選入選證書		Taiwan Golden Select of MIT Smile Product Certificate	
台觀實業股份有限公司 以 低毛羽時尚排汗POLO衫(女)		This is to certify that Low-Pilling Polo Shirt Woman's of TAI CHIN CO.,LTD	
參加臺灣製MIT微笑產品臺灣金選, 經過選後符合評審項目, 為 2016 MIT微笑產品臺灣金選入選產品, 特此證明。		has been admitted to the "Taiwan Golden Select of MIT Smile Product", as proof whereof we issue this Certificate of Inclusion.	
MIT微笑標章編號: 01100545-00045,01100545-00047		MIT certificate No.:01100545-00045,01100545-00047	
臺灣金選證書編號: 2016TGS0001		TGS certificate No.:2016TGS0001	
IDB 經濟部工業局 局長 吳明機		IDB Director General [Signature]	
發證日期: 105年11月		Date of issuance: Nov. 2016	

Taiwan MIT Gold Award

Report & Certificate

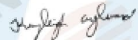
BLADE BUSTERS
SERIES PRODUCT

SATRA TECHNOLOGY	Issued to: Taiwan Chin Co., Ltd No.36, Ln.157, Xizhou Rd., Shengang Dist., Taichung City 420008 Taiwan
SATRA customer number: P24077	
Type-Examination Certificate	
Certificate number: 2777/26576-01/E00-00	
This Certificate covers the following product group(s) supported by testing to the relevant specifications and examination of the technical file documentation. It has been issued in accordance with EN ISO 21420:2020 on personal protective equipment. This product group has been shown to comply with applicable essential health and safety requirements as a Category II product.	
Description: 13G black UHMWPE composite yarn/Spandex liner glove with black NBR coating over the palm, black PVC pad on the back, Black PU Lat thumb patch	
Classification:	
EN 388:2016+A1:2018	Level
Abrasion resistance	4
Blade cut resistance	X
Tear resistance	4
Puncture resistance	4
TDM cut resistance	F

(Certificate) Cut-resistant gloves made by UHMWPE base.

Standards/Technical specifications applied:
EN ISO 21420:2020; EN 388:2016+A1:2018

Technical reports/Approval documents:
SATRA - CHT2002640/2417/1, CHT2004696/2417/1

Signed on behalf of SATRA:  Kayleigh Aylward

Date first issued: 08/01/2025
Date of issue: 08/01/2025
Expiry date: 08/01/2030

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TECHNICAL REPORT



(Sleeves Report) Made by
UHMWPE base one layer fabric.

WORK REQUESTED

Samples described as UHMWPE Tactical Sleeves V23. Code: BB-E- S2302-KS-U4. Size:L/XL/2XL. Color:black. Material:UHMWPE composite yarn,pvc,metal was received by SATRA on 17 January 2024 for testing in accordance with EN388:2016+A1:2018, ANSI/ISEA 105-2016 and EN ISO 21420: 2020.

SAMPLE SUBMITTED



TESTING REQUESTED

EN 388:2016 +A1:2018 Clause 6.1 – Abrasion resistance
EN 388:2016 +A1:2018 Clause 6.2 – Blade cut resistance
EN 388:2016 +A1:2018 Clause 6.3 –TDM CUT (ISO 13997:1999)
EN 388:2016 +A1:2018 Clause 6.4 – Tear Resistance
EN 388:2016 +A1:2018 Clause 6.5 – Puncture Resistance
#ANSI/ISEA 105-2016 Clause 5.1.1 – TDM Cut Resistance (ASTM F2992/F2992M-15)
#EN ISO 21420: 2020 Clause 4.2 – Innocuousness of protective gloves

CONCLUSION

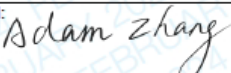
The samples described as UHMWPE Tactical Sleeves V23. Code: BB-E- S2302-KS-U4. Size:L/XL/2XL. Color:black. Material:UHMWPE composite yarn,pvc,metal was found to achieve the following results:

EN 388:2016+A1:2018 Clause 6.1 – Level 4
EN 388:2016+A1:2018 Clause 6.2 – Level 4
EN 388:2016+A1:2018 Clause 6.3 – Level F
EN 388:2016+A1:2018 Clause 6.4 – Level 4
EN 388:2016+A1:2018 Clause 6.5 – Level 4
#ANSI/ISEA 105-2016 Clause 5.1.1 - Level A9
#EN ISO 21420: 2020 Clause 4.2 – Pass pH Value, Azo dyes, PAHs and phthalates

Detailed results are included on the following page(s)

Taiwan Chin Co.,Ltd
SATRA Reference: CHT10194Q6D3
Date: 2 February 2024

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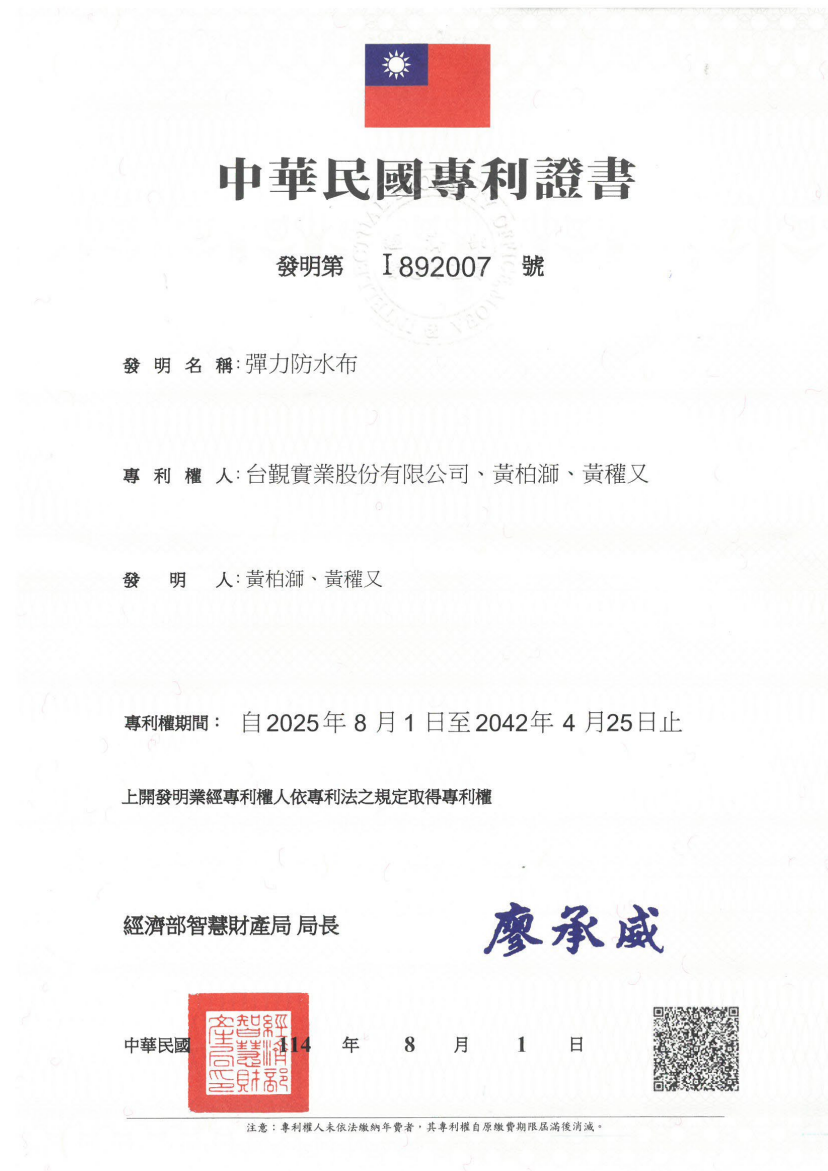
Signed: 

Patent

US Patent



Taiwan Patent





TAICHIN

If you are interested in or seek for others
service please contact us.

[Web1: taichingroup.com.tw](http://taichingroup.com.tw)

[Web2: taichintacticalab.com](http://taichintacticalab.com)

[Mail: cs@taichingroup.com.tw](mailto:cs@taichingroup.com.tw)

Thank you for reading this introduction.