

Think Taiwan for Eco -Textiles

- Sustainable
- Innovative
- Functional
- Fashionable

Taiwan 2023/2024
<http://eco.textiles.org.tw>
EcoTextiles



Taiwan Textile Federation

► 打造紡織品新典範



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- 機能性紡織品測試



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CONCEPT

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hollow shape or c-shape
...etc

yet those special cross section fibers still outperform
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what will happen.



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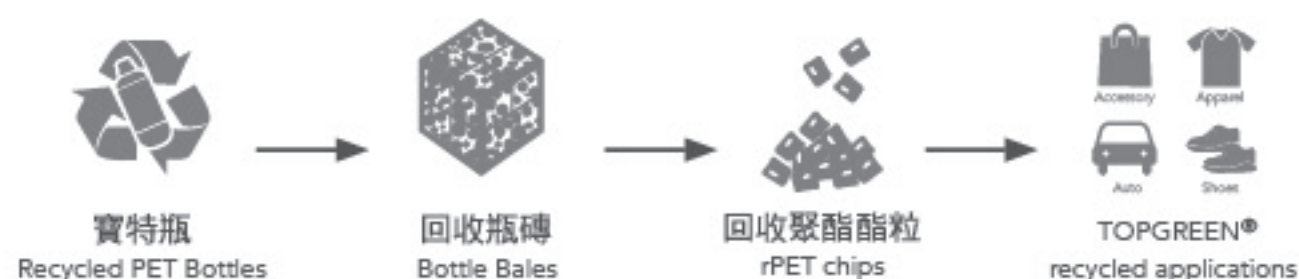
以回收寶特瓶為原料，經過粉碎、清洗、分解、聚合、造粒、加熱熔融、抽絲及假撚加工製成的纖維，是對地球生態絕對環保之素材。

Characteristics 特性

- 使用最先進的回收技術
Utilizes the most advanced recycling technology
- 減輕環境負擔，善盡地球公民責任
Repurposes waste, reduces reliance on petrochemicals and prevents environmental pollution
- 提供完整的可追溯性回收系統
TOPGREEN® recycled filament is completely traceable

Environmental Focus 環境友善指標

- 100% post-consumer recycled PET based
- Reduce GHG emission by >50% compared to conventional PET filament
- GRS | SCS | Oeko-tex | Green Mark



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Specifications

- 100% polyester eco-friendly yarn
- Recycle polyester/ natural cotton blended yarn
- CVC recycle blended yarn
- Recycle polyester/ rayon blended yarn
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Applications

Outdoor, Shoes, Backpack, Clothing and Apparel, etc



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- ETAD, 染料及有機顏料製造商生態和毒理學協會
- ZDHC, 有害化學物質零排放組織



通過第三方認證

- Bluesign, 藍色標誌標準(Bluesign standard)
- GOTS, Global Organic Textile Standard 全球有機紡織品標準
- Inditex 集團合格化藥供應商



THE LIST

by **INDITEX**



Better Chemistry Better Life


**Everlight
Chemical**

Better Chemistry Better Life



永光化學追求進步創新，以滿載的研究熱情，透過不斷的加乘與連結，創造出許許多多的可能。

永光，以化學專業給予客戶最大支持，協助客戶邁向成功，也為美好的社會及永續的未來，做出具體貢獻。

我們相信，運用對的化學品，可以讓生活更美好！

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CONTENTS

- 14 *Editor's Notes*
- 16 *Cover Story*
Taiwan: The Best Sourcing Center for Functional + Eco Textiles
- 18 *Global Eco Textile-related Certifications*
- 20 *Circular Textile Value Chain*
- 22 *The senario of material screening technology for Transform to Circular Economy Textile*
- 24 *Taiwan Functional Textiles Certification*
- 30 *Eco-Textiles Suppliers and Service*

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Innovative
Functional
Fashionable



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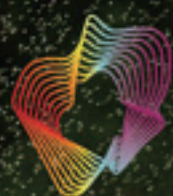
FCFC nylon filament

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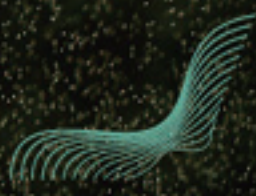
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FormoEco®

RECYCLE NYLON FILAMENT

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chip from process



SEAWASTEX

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Made of recycled waste fishing
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編者的話

臺灣環保紡織品結合流行與機能

致力開創美好未來生活

臺灣紡織業歷經60餘年的發展，循序漸進地整合供應鏈體系有成，進而建立生態保護、節省能源與資源的價值創新商業模式，並且以生產對環境友善之機能性紡織品在全球市場領先群倫。為協助國際專業買家瞭解臺灣紡織業者長期致力於環保領域的發展成效與競爭優勢，媒合買賣雙方找到優質合作夥伴，紡拓會特別出版「臺灣環保紡織品精選專刊」並建置網站，彙集臺灣環保紡織品發展現況及供應商資訊。

臺灣紡織產業研發能量充沛，每年每季都有創新的環保紡織品，將生活美學、高科技、環保與創新機能完美結合，賦予紡織品新的定義。鑒於全球紡織產業對於環保紡織品並無明確定義，本會率先依照環保紡織品的精神、功能、技術、服務概分為六大環保產品與服務領域：環境友善紡織品、節能減碳紡織品、無毒或天然有機紡織品、循環再生紡織品、綠色製程紡織品、環保檢測服務。盼望能兼顧環保永續與社會安全責任，善用物質特性，化腐朽為神奇。

今日環保紡織品在消費市場已成為一股不可抗拒的綠色浪潮，採用環保紡織品已成為全球通路暨品牌商履行企業社會責任的具體表現。紡拓會多年來致力於推廣環保紡織品，希望促使產業轉型來使臺灣環保紡織品成為繼機能性紡織品後，另一個領先各國紡織產業的發展主流。



Editor's Notes

Taiwan Eco-Textiles: A Marriage of Fashion plus Function

Green innovation makes our life better!

Sustainable products are an integral part of the green consumerism as well as a key element to become a successful business in today's very competitive global textile market.

International brands, retailers and manufacturers make long-term plans and actions to source and produce textiles that have the least impact on the environment and are made in a socially responsible manner. The Taiwan Textile Federation (TTF) has been working on promoting Taiwan's eco textiles for some time in order to establish the island's leading position in the eco textile market after the successful precedent in the area of functional textiles.

After more than 60 years of development, Taiwan's textile industry has evolved from a mass textile manufacturer to a textile innovator equipped with a comprehensive yet integrated value chain. While traditional textiles still have an important share in Taiwan's textile output, the extraordinary performance achieved by local enterprises in the field of eco and multifunctional textiles has redefined Taiwan's status in the global textile marketplace.

The core competency of Taiwan's textile industry lies in its R&D, technology and innovation. The industry is constantly introducing its new eco textile developments which combine high-tech, ecology, functionality and life aesthetics to give new definition to modern textiles.

The annual publication of Taiwan Eco Textiles serves is a compilation of the industry's achievement in eco textiles for the past year. It serves as a valuable tool for those who are looking for reliable and determined textile business partners. More information on eco textiles in Taiwan can be found at eco.textiles.org.tw

We truly believe that the abundant innovation of Taiwan's textile industry can contribute to our environment and improve our daily life.

Taiwan: The Best Sourcing Center for Functional + Eco Textiles

Further to functionality, eco friendliness is now a textile DNA for Taiwan's textile industry. Whether it's material, manufacture process, technology, product or environment, our green-minded industrialists are working hard to make Taiwan the best source for eco and functional textiles.

Eco-friendly Textiles

Textiles using materials made from recycled waste such as post consumer plastic bottles and ocean waste and recycled biomass such as wood, leaves and food waste. Also including bio-degradable textiles which impose no burden to the environment.

Energy-saving and Carbon-reducing Textiles

Textiles appealing to the reduction of water/carbon footprint and energy consumption, e.g., textiles with functions like thermal, cooling and blood circulation enhancing.

Organic / Non-toxic Textiles

Textiles containing no environmental hormones; toxic-free and heavy metal free textiles; organic textiles; medical textiles.

Circular Textiles

Textiles using recycled post consumer textiles as materials and produced by way of reengineering, redesigning or redefining in order to drive resource efficiency, cut waste and prevent environmental pollution.

Green Processing

Textiles made by adopting a green process such as waterless dyeing, solution dyeing, normal pressure dyeing, etc.; or made via a production process with stricter than regular waste emission standards; or made in green/eco-labelled factories.

Textile Testing and Certification Services

Companies/organizations offering services in eco-labelling and certification, environmental testing, standards setting, etc.

臺灣一最佳環保與機能性紡織品採購中心

臺灣具備環保紡織品的高度發展潛力，業者落實環保從根本做起，不僅重視產品源頭符合綠色設計、導入環保製程，並將環保思維納入企業文化，為企業注入綠色 DNA，開發環保與機能兼具的多元紡織品。

環境友善紡織品

產品原料來自回收廢棄物材料(如寶特瓶、海洋廢棄物等)、生質環保材料(如木料、樹葉、廚餘等)，或產品強調可自然分解、不造成環境負擔。

節能減碳紡織品

產品訴求使用時能夠減少水或碳足跡、能源損耗，如：發熱、保暖、涼感、促進血液循環等。

無毒或天然有機紡織品

產品訴求不含毒性、重金屬、環境賀爾蒙，或產品本身為有機紡品、素材，或為醫療健康用紡織品。

循環再生紡織品

特別針對回收消費後的紡織製品，以重新製造、重新設計、重新定義(Reengineering/Redesign/Redefine)等方式再生利用，促進更好的資源使用效率、消滅廢棄物、延長紡織品使用壽命及避免汙染自然環境。

綠色製程紡織品

產品採用無水染色、原液染色、常壓染色等綠色製程，或製程中汙染排放採用比常規更嚴格的標準、使用綠色節能工廠等。

環保檢測服務

企業從事或提供標章驗證、環境檢測、標準制定相關等服務。



全球主要環保紡織品相關驗證

(Global Eco Textile-related Certifications)



再循環聲明標準RCS



全球回收標準GRS



bluesign®



第三類環境產品宣告



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(C2C Certified)



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The Global Recycling
Standards Organization
founded RIOS



OEKO-TEX® Standard 100



有機物含量標準(OCS)



負責任羊毛標準(RWS)



負責任羽絨標準(RDS)



全球可追溯性羽絨標準
(TDS)



全球有機紡品認證(GOTS)



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Higg Index-Higg MSI



ZDHC MRSL
生產限用物質清單



負責任馬海毛標準(RMS)



UL環境聲明驗證



The increasing signs of resource depletion and the impact of wastes to our planet has enabled countries like Holland, Germany, Luxemburg, UK, Belgium, Finland and Japan to declare their commitment towards a circular economy. While the global industry is progressing to reach the new criteria of “high performance, low consumption, toxic free and zero waste”, Taiwan’s textile industry is also facing the same challenge. In order to meet both business and social demands, developing and innovating recycling technology to close the circle on textiles will be a constant goal as well as a social responsibility for Taiwan’s textile industry to strive for.

循環紡織價值鏈

Circular Textile Value Chain



Reference: R2Pi Research report, BMI as one of of the consortium partners to conduct this research **BMI** 方略

Taiwanese textile companies are now learning, sharing and exchanging their concepts, experiences and technologies in green and circular textiles to reengineer, redesign and redefine the textile product chain. The ultimate goal is to achieve a circular supply chain by collecting post consumer textiles and then recycling and regenerating into new materials as input to make textiles. This kind of new business model can optimize resource efficiency, cut waste and prevent earth pollution. Further development in this respect can boost textile R&D energy, drive the transformation of the industry and even create new business potential while moving towards the purpose of environmental protection, waste reduction and resource circulation.

材質分選技術推動紡織循環經濟應用情境

The scenario of material screening technology for Transform to Circular Economy Textile



The Co-Innovation Lab which looks to the future of circular textile in Taiwan has joined forces with the Taiwan Circular Textile Initiative to play a guiding role in Taiwan's textile and related industries to focus on post-consumer textile waste and based on the premise that by redesigning the recycling process (collecting-sorting-reprocessing).



Consumer

One of Materials source (Used clothing)

消費者不使用的舊衣物

目前沒有去化管道的廢紡織品



Sorting

人工粗選將

運動類衣物挑出來



Operate site : Collectors

作業場域：〇〇（回收商）

Set up the selection of materials

設定材質分選種類
(Polyester)

Identify the ratio of PET

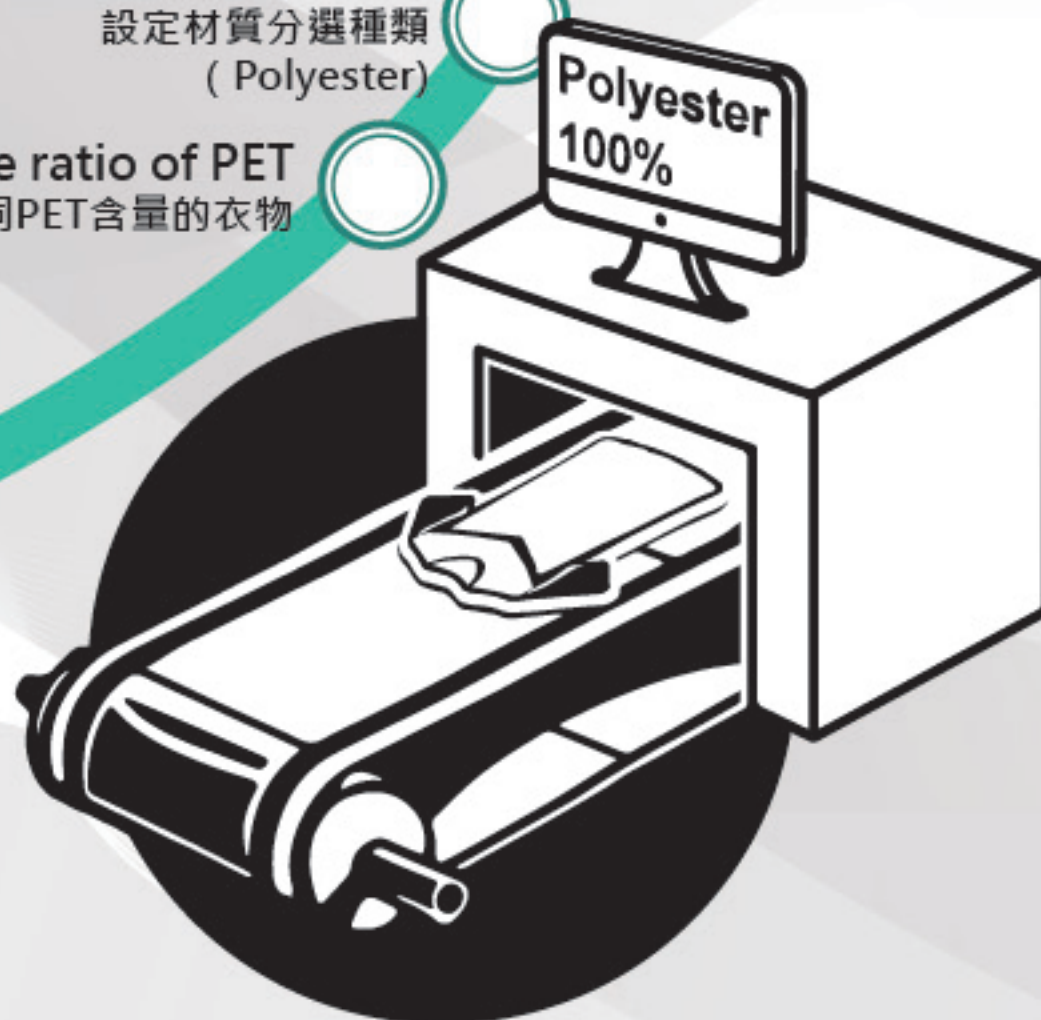
機器辨識不同PET含量的衣物



Screening

人工分流

（一次一件）



Checking and reviewing major issues, we found that the keys to turning waste into resources lie in the sorting of textile materials, the development of sorting technologies, and the construction of waste processing and treatment sites.

The R&D team in Lab has developed the sorting technologies to quickly and effectively assort used fabrics by material, and develop the scenario of the circular economy textile system.



Taiwan Functional Textiles
台灣機能性紡織品

The Best Source For TAIWAN FUNCTIONAL TEXTILES

Certification System

A bridge for global functional textile world

Taiwan Functional Textiles have been equated to premium quality. In general, the grades of functional textile are tested by the equitable laboratory according to specified requirements by the certification committee for functional and technical textiles. Meanwhile, buyers and consumers could be sure of the quality through certification and certified tags.

TFT certification has gone into the 22th year and is moving towards becoming abridge to global functional textiles for quality assurance.

台灣機能性紡織品已成為國際品牌買主對機能性紡織品品質信賴的保證；根據驗證評議委員會嚴格制定的標準，委由國際認證的實驗室進行檢測，經臺灣紡拓會進行等級驗證，針對通過驗證產品頒發證書及發放產品吊牌，為通過機能性紡織產品背書。

目前TFT驗證服務與市場行銷推廣已邁入第22年，未來發展目標將以成為“全球機能性紡織品品質保證的驗證品牌邁進”。



Quality

Safe

Comfortably

Healthy



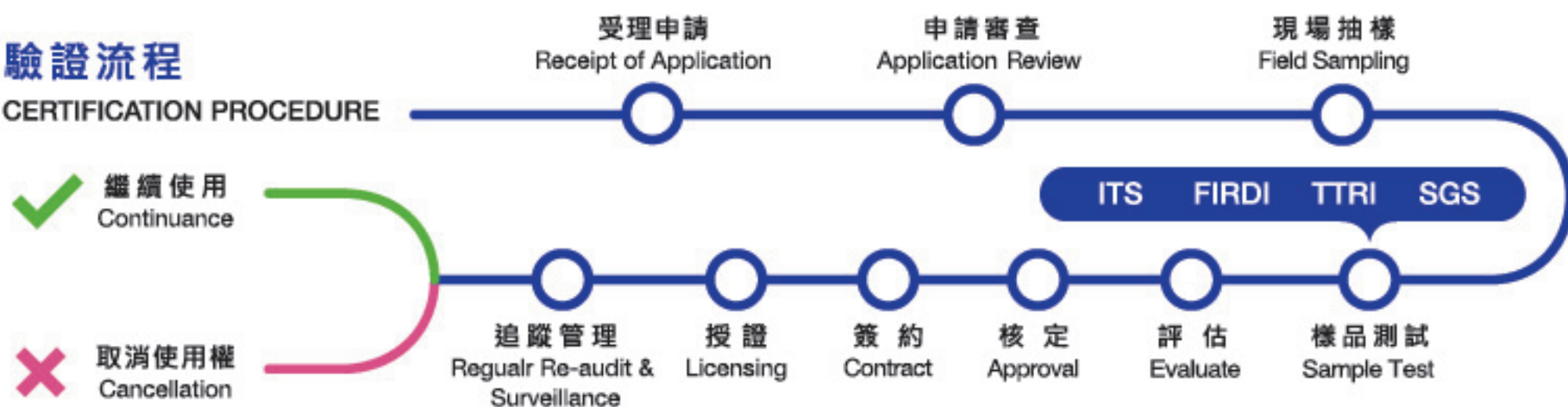


驗證流程

Procedure of Taiwan Functional Textiles

驗證流程

CERTIFICATION PROCEDURE



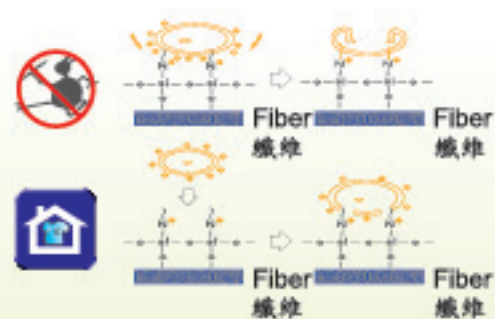
The Best Source For
**TAIWAN
FUNCTIONAL
TEXTILES**





FTTS-FA-001

Antibacterial Textiles for General Use



PERFORMANCE SPECIFICATION

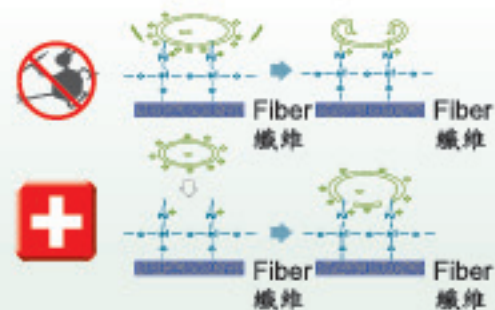
Type	Grade	Classification	Washing cycles	percent reduction of bacterial, R
I	AAAAA	Excellent	50 Washing	$R \geq 99.9$
	AAA	Good	50 Washing	$99 \leq R < 99.9$
II	AAAAA	Excellent	20 Washing	$R \geq 99.9$
	AAA	Good	20 Washing	$99 \leq R < 99.9$
III	AAAAA	Excellent	No washing required (disposable)	$R \geq 99.9$
	AAA	Good	No washing required (disposable)	$99 \leq R < 99.9$

CERTIFIED SUPPLIERS

• DANKEN ENTERPRISE CO.,LTD • Metz Enterprise Co., Ltd. • Walkpuls Ltd., Co.

FTTS-FA-002

Antibacterial Textiles for Medical Use



PERFORMANCE SPECIFICATION

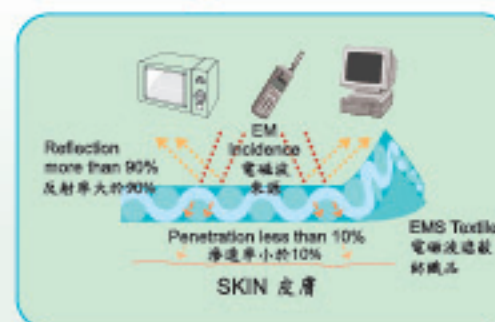
Type	Grade	Classification	Washing cycles	percent reduction of bacterial, R
I	AAAAA	Excellent	100 Washing	$R \geq 99.9$
	AAA	Good	100 Washing	$99 \leq R < 99.9$
II	AAAAA	Excellent	No washing required (disposable)	$R \geq 99.9$
	AAA	Good	No washing required (disposable)	$99 \leq R < 99.9$

CERTIFIED SUPPLIERS

• Metz Enterprise Co., Ltd.

FTTS-FA-003

Electromagnetic Shielding Textiles



PERFORMANCE SPECIFICATION

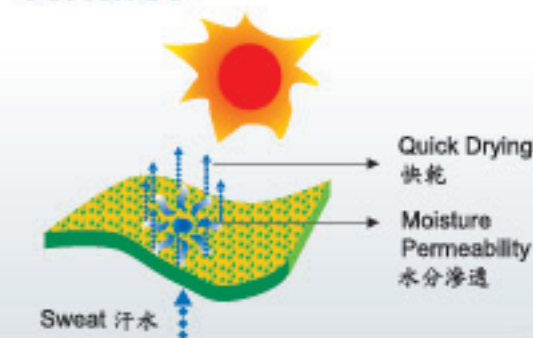
Grade	Excellent	Very good	Good	Moderate	Fair
Shielding Effective (dB)	$SE > 30dB$	$30dB \geq SE > 20dB$	$20dB \geq SE > 10dB$	$10dB \geq SE > 7dB$	$7dB \geq SE > 5dB$

CERTIFIED SUPPLIERS

• Yao Shield Co., Ltd.

FTTS-FA-004

Moisture Transferring and Quick Drying Textiles

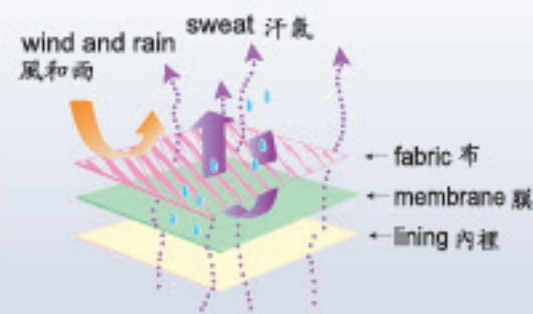


PERFORMANCE SPECIFICATION

Type	Diffusion ability	Drying ability	Absorbency speed (Dropping)	Absorbency speed (Byreck)	Classification
I	5	5	Pass	$X \geq 130mm$	Excellent
II	4	4	Pass	$130mm > X \geq 100mm$	Very Good
III	3	3	Pass	$100mm > X \geq 80mm$	Good

CERTIFIED SUPPLIERS

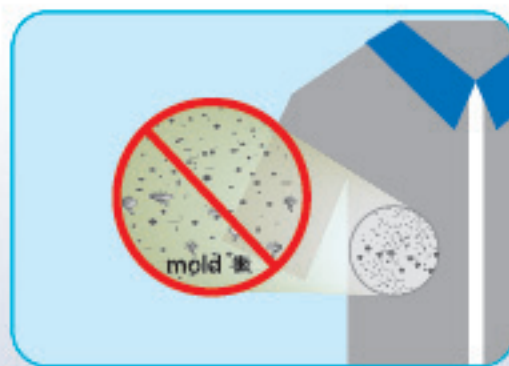
• S.B.Motif Co., Ltd. • Taiwan K.K. Corporation
• K.F. INDUSTRIES CO.,LTD. • OFFISSPORT CO., LTD.
• Metz Enterprise Co., Ltd. • MAGICTEX APPAREL CORPORATION

FTTS-FA-005**Water-Vapor Permeable
and Liquid-Water
Impermeable Textiles****PERFORMANCE SPECIFICATION**

Hydrostatic Pressure (mmH ₂ O)	Grade	Classification
15000 \geq Wp	5	Excellent
8000 \geq Wp < 15000	4	Very good
4000 \geq Wp < 8000	3	Good
2000 \geq Wp < 4000	2	Moderate
300 \geq Wp < 2000	1	Fair

CERTIFIED SUPPLIERS

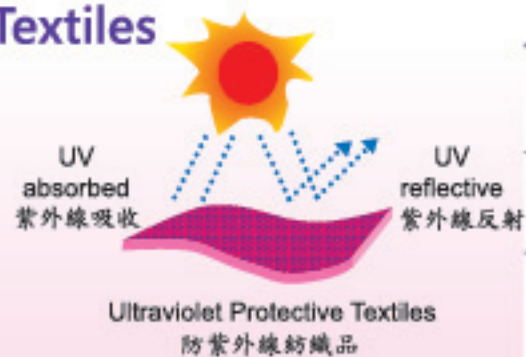
- MAGICTEX APPAREL CORPORATION

FTTS-FA-006**Antifungal Textiles****PERFORMANCE SPECIFICATION**

Area of Fungi Growth on Specimens(%)	Grade	Classification
None	AAAAA	Excellent
Aear \leq 10	AA	Good
10 < Area \leq 30	A	Fair

CERTIFIED SUPPLIERS

- Metz Enterprise Co., Ltd.

FTTS-FA-008**Ultraviolet Protective
Textiles****PERFORMANCE SPECIFICATION**

UPF	Erythral ultraviolet penetration rate (%)	Grade	Classification
40 - 50 、 50+	\leq 2.5	A	Excellent
25 - 39	2.6 ~ 4.1	B	Very Good
15 - 24	6.7 ~ 4.2	C	Good

CERTIFIED SUPPLIERS

- 3D Apparel Co., Ltd.
- K.F. INDUSTRIES CO.,LTD.
- DJIC LIMITED
- OFFISSPORT CO., LTD.
- LONG SONG KNITTING CO., LTD.
- KUSO TOP International Co,Ltd

FTTS-FA-009

Antistatic Textiles



PERFORMANCE SPECIFICATION

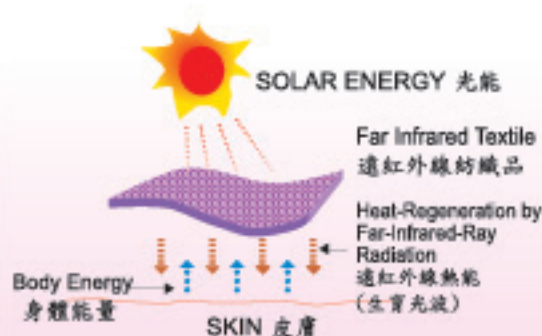
Frictional charge (V)	Grade	Classification
Knitted / Woven warp and weft		
$V < 100$	3	Excellent
$100 \leq V < 500$	2	Good
$500 \leq V < 1000$	1	Fair
Surface resistance (Ω)	Grade	Classification
$1 \times 10^4 \leq \Omega < 1 \times 10^6$	3	Excellent
$1 \times 10^6 \leq \Omega < 1 \times 10^9$	2	Good
$1 \times 10^9 \leq \Omega < 1 \times 10^{12}$	1	Fair
Decay time (Second)	Grade	Classification
$S < 0.01$	3	Excellent
$0.01 \leq S < 0.5$	2	Good
$0.5 \leq S < 2$	1	Fair
General requirement for pretreatment		
Item	General Requirement	Test Method
Washing Durability	Tested in original state, after 20 washes, 50 washes (refer to note 1)	(A) woven, coated/laminated fabric and non-woven fabric: washed based on AATCC 135 (1) III (A)ii; knitted: washed based on AATCC 135 (2) III (A)ii (refer to note 2) (B) washed based on JIS L0217-103 (refer to note 2)

CERTIFIED SUPPLIERS

- MAGICTEX APPAREL CORPORATION

FTTS-FA-010

Far Infrared Textiles



PERFORMANCE SPECIFICATION

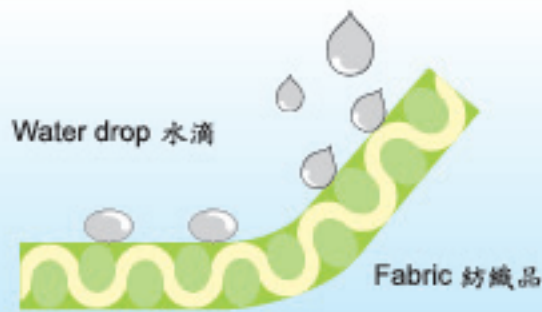
Evaluation	Qualification
Far Infrared Characteristics	Far Infrared Spectral Emissivity : The average emissivity of light waves with the wavelength of 2-22 μ m is not less than 0.80, as measured by Far-Infrared spectrophotometer.
	Re-radiating Characteristics : Difference in temperature between the test sample and reference sample is not less than + 0.5°C and the effective difference is better than the reliable limit of 95%
Temperature Characteristics	Thermograph / Monitor Test : Difference in average skin temperature of specific body part while wearing test sample as opposed to wearing reference sample is not less than +0.5°C.
Type	Scope of the requirements
A	Qualified standard by passing far infrared characteristics.
A+	Qualified standard by passing far infrared characteristics and temperature characteristics.

CERTIFIED SUPPLIERS

- Lee Ven Industrial Co., Ltd.
- Shengshun Co., Ltd.

FTTS-FA-011

Water Repellent Textiles



PERFORMANCE SPECIFICATION

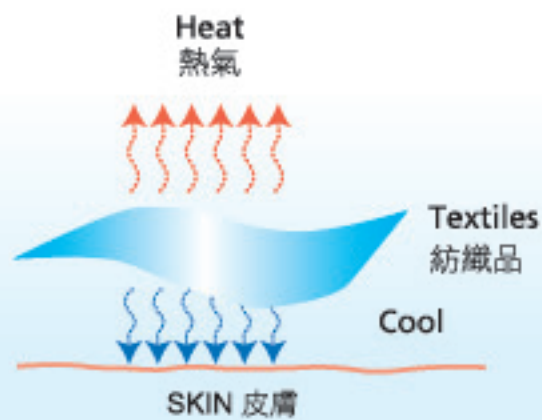
Type	Washing Condition			Usage Reference
	As Received	After 10 times washing	After 20 times washing	
I	Above 90	—	Above 80	Durable Water Repellency
II	Above 90	Above 80	—	Durable Water Repellency
III	Above 90	—	—	Normal Water Repellency

CERTIFIED SUPPLIERS

- Li Peng Enterprise Co. Ltd.
- JJ Function CO., LTD.
- Metz Enterprise Co., Ltd.
- MAGICTEX APPAREL CORPORATION
- F-Seasons Enterprise Co., Ltd.
- PEPWING INTERNATIONAL CORPORATION
- WU FANG FIBER CO., LTD.

FTTS-FA-019

Cool Feeling Textiles



PERFORMANCE SPECIFICATION

Maximum heat loss per unit (W/cm2)	
Knit	≥ 0.130
Weave	≥ 0.170
Item	Test method
Washing durability	Washed based on CNS15140 8B for knitted fabrics.
	Washed based on CNS15140 7B for woven fabrics.

CERTIFIED SUPPLIERS

- Heimtex International Corporation
- KUSO TOP International Co., Ltd.
- Sain Sou Co., Ltd.
- OFFISSPORT CO., LTD.

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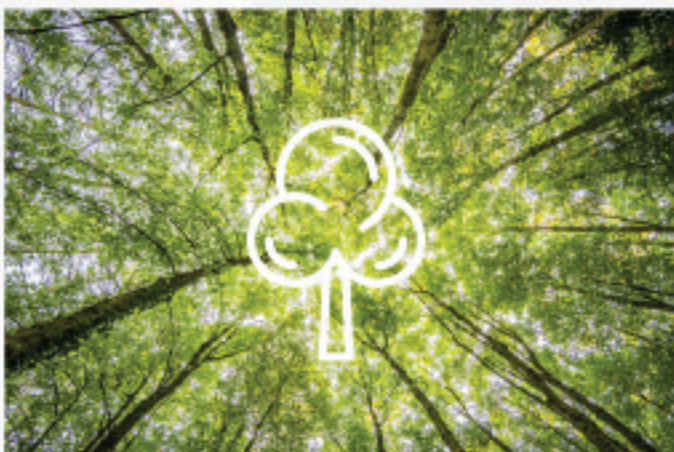
MARAYON & COTTON

Sustainable & stylish fabric | Marayon is a viscose regenerated from linen | Improves wrinkling of clothes | Air permeable & hygroscopic | Antimicrobial properties for freshness | Fully biodegradable & eco-friendly



LINEN & COTTON

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- Moisture Management
- Water Resistance
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- Thermal Regulation



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• Lady's wear



• Jacquard

About Us

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Taiwan's Free Yarn Textile Company has
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CONTACT US

allie.freemen@msa.hinet.net
freeyarn.textile@gmail.com

// Certification



OEKO TEX 100



GRS 4.0



研發創新
Innovation

專注品質

Focus on quality

永續發展

Sustainable development

宏諦致力於紡織業逾三十年，專精利用長纖生產彈性針織面料，結合染整串起織染一貫的內部供應鏈，除了各式精編與緯邊材料外，也透過與客戶密切合作開發開發客製化經編及緯編賈卡緹花面料，並廣泛應用於各鞋材、機能性服飾與工業材料，提供下游品牌客戶最完善的產品組合與服務。

Houndey has been devoted to textile industry for more than 30 years, We are specialized in types of warp and circular knitted elastic fabrics with filament fiber. We also develop customized jacquard materials through a collaboration with our clients closely. Our products could be not only applied to footwear, apparel, including underwear, swimsuit but also industrial materials. We offer vertical integration of knitting and post-processing in order to achieve a complete service.

在訴求環保紡織的浪潮中，宏諦也投入顯卓的心力與責任。開發與生產皆著重使用環保回收纖維，並獲得全球環保重要認證GRS與OEKO-TEX 100，更投入生物可分解布料之開發與布料重新回收再製。染整端則是使用符合bluesign標準之染劑之外，導入無化學藥劑添加的精鍊水洗機與超低浴比染缸，能大幅降低工業廢水的排放與汙染，同時也能減少能源的使用，提升產品品質。

Nowadays, chasing the trends of eco-friendly textile all around the world, Houndey also dedicated our responsibility to the goals of sustainability by using recycled materials for developing and producing our products, furthermore, we have got a worldwide environmental certification of GRS and OEKO TEX 100 as well, putting more effort on develop biodegradable and recycling fabrics. In addition to use Bluesign complied dyestuff, we also investing non-chemical additive scouring machine and low liquid ratio dyeing tank which could be able to not only reduce the water pollution and water waste but also reduce the energy consumption.

// Sustainability

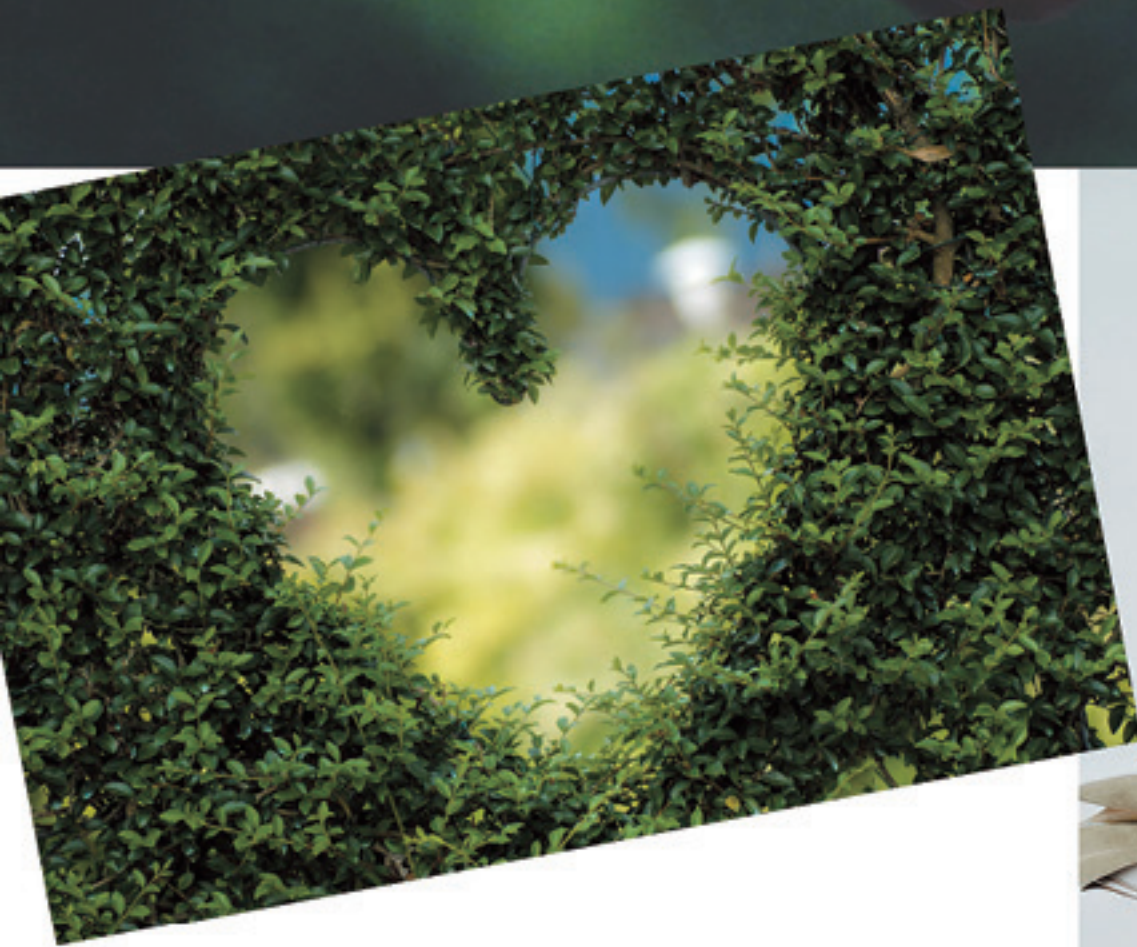
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Collagen Textile

Bio-Based Textile
Solution dye Textile

Eco-saving



Eco Friendly



We are certified to the GRS, which certifies recycled material from the source to final product



Certified by Control Union CU 1115218

Recycled Poly Woven, Knit
Recycled Nylon Woven – Down Proof
Recycled Particle – From Wastage Fabric



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TEL: 886-2-7737-0399 FAX: 886-2-7718-0205

E-mail: service@triad886.com.tw





東侑陽興業股份有限公司
Dominion Industrial Co., Ltd.



As a company who has been focused on enviromental issues recently, we have developed various product ranges from 100% recycle poly to 100% Nylon. These fabrics can used for sportswear/outdoor/skiwear.

As a company who has been focusing on our fabrics' quality. we have our own weaving factory and QC department in China, which offers more pro-duction flexibility and more quality insurance for our customers.

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Tel:+886-4-7574555

Contact E-mail: Henry_Chao@818tex.com



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Ever Shine I&F is a sales agent for fashion labels in women's apparel, men's clothing, undergarments and cosmetics etc.

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Chin Hsiang Shun was founded in 1993 and is one of the leading companies engaged in exporting fabrics to clients including US, Canada, Europe, Japan and Australia. Our product range includes knits fabric for fashion, functional, swim, sports, and casual wear.

To constantly meet the needs of our customers, we expand overseas actively through attending several prestigious international textiles exhibitions yearly.

Oeko-Tex and ISO Certified Mills with Experienced Technicians

With professional technicians over 30 years of experience, each of our contracted mills is equipped with advanced facilities including a professional lab that can conduct certificated standardized tests. Those mills acquired both ISO 9001:2008 and Oeko-Tex Standard 100 certification.

Yearly Creation of Hundreds Innovative Functional Fabrics in Taiwan R&D center

CHS has dedicated to R&D to form strategic alliances and integrates various areas of expertise of Taiwan textile industry into a synergy. Fabrics with functions like cooling, thermal warmth, anti-bacterial, anti-odor, and wicking are our innovative bedrock. Eco-friendly series are our main focus thanks to the rising awareness of environmental protection. Furthermore, performance textiles with high-stretch are the core collection we're devoted to. To break the line between sports and leisure wear textile, CHS is always seeking for the new area where fashion meets function.

Chin Hsiang Shun Co. Ltd

11F, No. 1351 Zhongzheng Rd., Taoyuan 33070, Taiwan

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AceGreen Eco-Material Technology Co., Ltd.



全球回收標準(GRS)與 回收聲明標準(RCS)

為因應永續發展的挑戰，許多的品牌商及零售商已承諾在生產製程中使用永續環保材料，使得紡織工業中對回收認證有龐大的需求；與此同時，驗證回收產品相關測試變得越來越重要。這適用於整個供應鏈，從上游的酯粒、原棉、紡紗到織物和服裝。在材料使用上，不僅是原材料的取得回收的認證，在生產 / 倉儲製程中也需符合回收標準的要求。

GRS與RCS是什麼？



GRS (Global Recycled Standard)

針對回收材料含量進行驗證的國際自願性產品驗證專案
當產品中回收材料含量 > 20%，可以申請此驗證服務；
> 50% 可以申請使用標識



RCS (Recycled Claimed Standard)

針對回收材料含量進行驗證的國際自願性產品驗證專案
當產品中回收材料含量 > 5%，可以申請此驗證服務並使用標識

WHY SGS?

- 1 獨特性和可信度：**我們提供改進措施的建議，並依據需要建議具體的計劃。
- 2 全球與在地專業知識、豐富的審核經驗：**台灣SGS獲得客戶的高度認可。
- 3 專業資格：**SGS為Textile Exchange認可，提供台灣客戶全球回收標準(GRS)和回收聲明標準(RCS)驗證服務。

驗證流程



請立即與我們聯絡

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電話：02-22993279 分機 5223-5226 傳真：02-22984060

Kasper.chen@sgs.com ; Maisie.chiu@sgs.com ; Alice-FY.lin@sgs.com ; Wayne.fang@sgs.com

高雄鞋材實驗室：81170高雄市楠梓加工出口區開發路61號

電話：07-3012121 分機 4102、4103 傳真：07-3010867

Janny.lin@sgs.com ; Wes.chen@sgs.com



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Sustainability
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E-mail: danken@danken.com.tw

Http: [//www.danken.com.tw](http://www.danken.com.tw)



Roadmap To Change

We guide value chains towards the use of safer chemistry for a cleaner planet, and a brighter future.

Input



Managing chemical inputs is key to safer products, cleaner water and fresher air. The input Focus Area is the cornerstone of the work we do.

Key Solutions:

- ZDHC MRSL
- ZDHC Principles and Procedures
- Submission Portal
- ZDHC MRSL Industry Standard Implementation Approach
- ZDHC Performance InCheck Guidelines
- ZDHC Conformance Guidance

Process



Good procedures and best practices are vital to reduce the environmental impact of production. This Focus Area helps organisations to put these elements in place.

Key Solutions:

- ZDHC Chemical Management System (CMS) Framework
- ZDHC CMS Technical Industry Guide (TIG)
- ZDHC Chemical Inventory List
- ZDHC Performance InCheck Guidelines
- ZDHC Verified InCheck - Level 1
- ZDHC MMCF Guidelines

Output



Outputs prove the effectiveness of safer inputs and processes. It does so by measuring indicators like wastewater, sludge and air quality.

Key Solutions:

- ZDHC Wastewater Guidelines
- ZDHC Sludge Reference Document
- ZDHC Wastewater and Sludge Laboratory Sampling and Analysis Plan (SAP)
- ZDHC Electronic Data Reporting System
- Wastewater Treatment Technologies
- Wastewater Treatment System Operator Minimum Qualifications Guidelines
- Leather Wastewater Guidelines Addendum
- ZDHC MMCF Guidelines
- ZDHC Air Emissions Position Paper

IMPLEMENTATION



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Our principle and goal is to provide good quality and reliability product to our clients from all over the world. We are trying our best to be the supplier with good reputation.

For further information, please contact with us by e-mail at

tony@fabrix-plus.com or clwu@fabrix-plus.com

FABRIX PLUS

7F-8, No.20, Lane 609, Sec.5, Chongxin Rd., Sanchong Dist, New Taipei City 241, Taiwan

Tel: +886-2-29956700 Fax: +886-2-29955977



BPA-Clear, a safe Bisphenol A (BPA) solution by Nan Ya Plastics.

南亞 SAYA BPA-Clear 聚酯回收絲-低雙酚A(BPA)安心方案

- Bisphenol A (BPA) is used as a raw material for the manufacture of polycarbonate (PC) and epoxy resins for the production of baby bottles, resin lenses or inner coatings for cans, etc. It can be absorbed and ingested through the skin or mouth, thereby disrupting hormones, affecting the human reproductive system and cranial nerves, and inducing obesity, heart disease or cardiovascular diseases.
- Nan Ya delivers the BPA-Clear line by strictly controlling the income stream of our recycled plastics as well as with a proprietary system. We are complies with California CPAI-65, AFIRM, and latest bluesign RSL recommends a BPA level of under 1 ppm. Nan Ya's BPA-Clear protocol complies to this accordingly and our BPA-Clear polyester fiber and related products are currently available made-to-order. Please contact your fabric or fiber sales representative for more details regarding BPA concerns in your goods.

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Rapid Fabric Digitization Platform — Fast, Reliable, Affordable, Sustainable



SaaS: Self-scan as a Service

Take your fabric swatch or hanger

1



2



Scan it using a regular flatbed scanner

Image and text recognition via AI-powered technology

3



4



3D file download — Includes physical properties and environmental impact data!



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Accredited Digital Partner

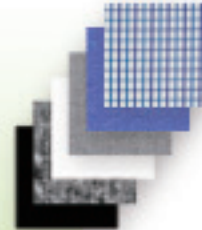


Frontier

Digitization Center

Physical Properties

Fabric Metadata



Brand Accredited Digital Fabrics



Brand DPC Integration

Frontier.cool provides the world's first AI-powered fabric digitization platform helping suppliers, manufacturers, and designers to digitize their fabrics at scale. We save our customers' time and money throughout their fabric digitization journey.



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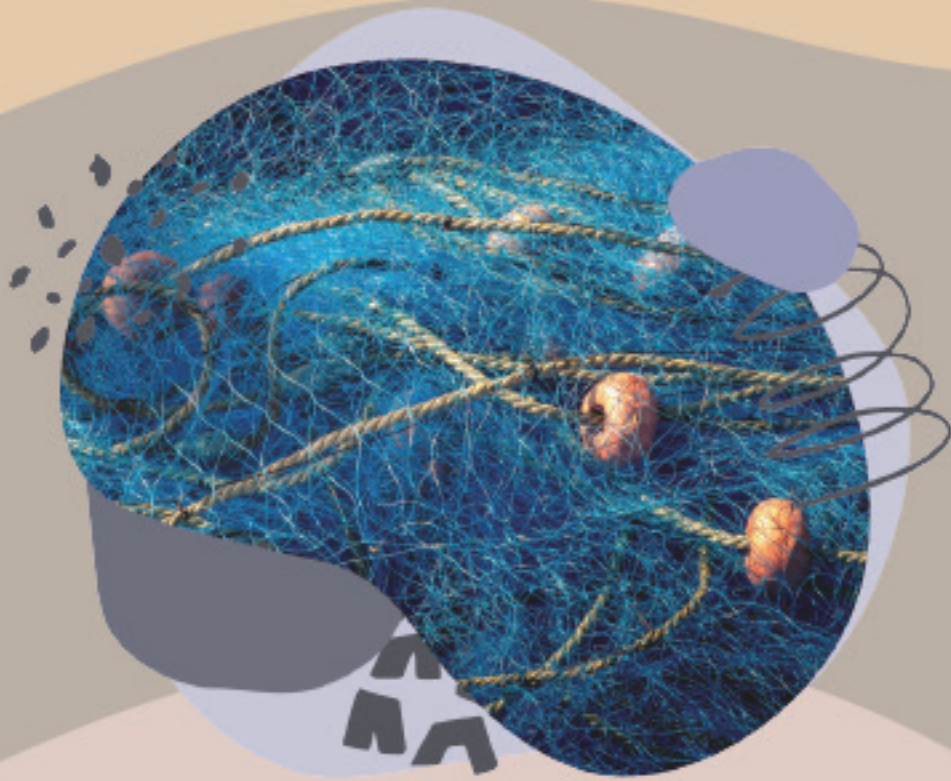
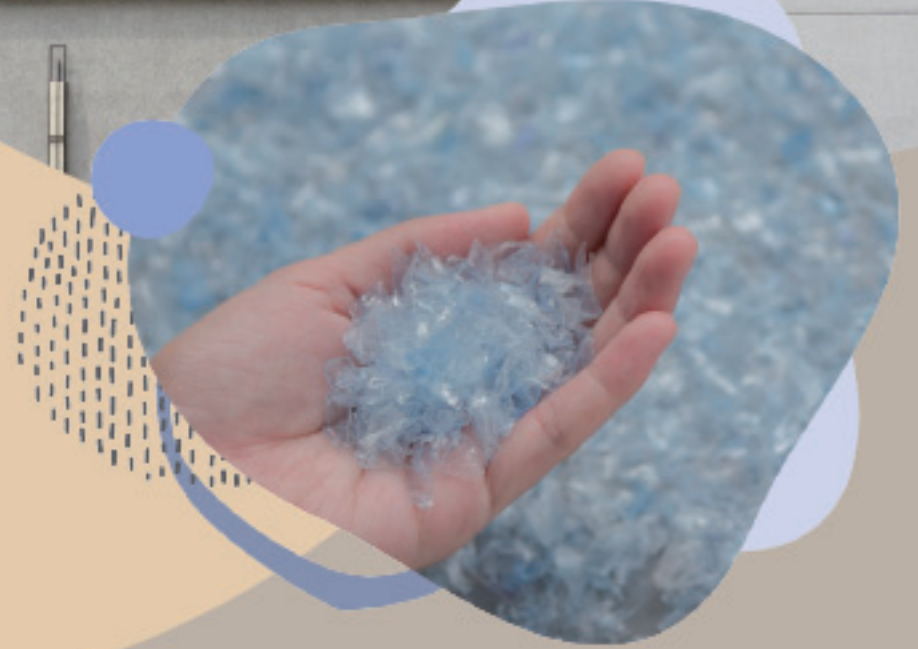
1FL., NO.193, SEC. 3, TIAN JING RD., BEITUEN DIST,
TAICHUNG CITY 406, TAIWAN

TEL:+886-4-22363977

EMAIL:mjt.alex@msa.hinet.net

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110 臺北市信義區東興路53號7樓

Tel: +886(2) 8768 1023

E-mail: taipei@lenzing.com

find out more: www.tencel.com

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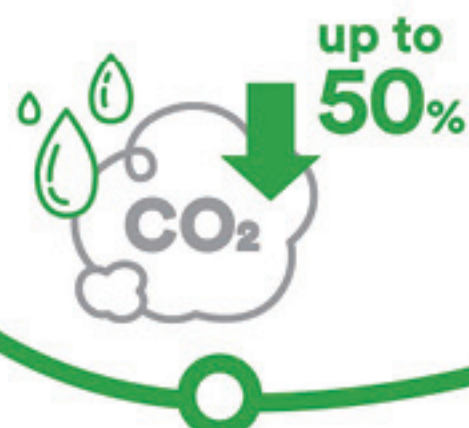


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110 臺北市信義區東興路53號7樓

Tel: +886(2) 8768 1023

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Taiwan Innovative Wool Textiles 2023

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New Techniques & Functionality Fabrics

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Extrafine Wool
Merino Wool
Microfiber
Natural Stretch
Solvent Spinning
Super 80's and finer
Super Wash Wool Top
Winter-Gauze
Wool Grease
Colorful Down Apparel
Bio-degradable Polyester
PLA

New Blends

Wool plus Lycra
Wool/Bamboo
Wool/Linen
Wool/Metallic
Wool/Silk
Wool/Cotton
Wool/Rayon
Wool/Nylon
Wool/Polyester
W/N/R
T/W
Wool/PP
Tencel®/Wool
Modal®/Wool

New Techniques

Burn Out
Carbonized Wool
Coated & Bonding
Comfort and Elegance
Crashed/Crinkle Finishing
Felted/Boiled Wool
Laser Techniques
Luxury & Technology
Machine Washable
Quilted/Embossed
Stretch Flannels
Tie & Dye
Total Easy Care
Transfer/Pigment Print

New Functionality

Antibacterial
Antifungal Textiles
Antistatic
Deodorization
Electromagnetic Shielding
Far Infrared
Flame-Resistant
Moisture Transferring and Quick Drying
Oil Repellent
Stain Release
Ultraviolet Protective
Water Repellent
Water-Vapor Permeable and Liquid-
Water Impermeable
Wrinkle Free

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Jenn Shyang Textile Co., Ltd.
Kuon Tai Textile Co., Ltd.
Ming Ho Wool Industry Co., Ltd.
Protect Accessory Co., Ltd.

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San Shing Spinning Co., Ltd.
Seaward Wool Textile Co., Ltd.
Sin Yo Textile Factory Co., Ltd.
Sunshune Textile Co., Ltd.
Tai Fu Textile Co., Ltd.
Tomlong Techstle Corp.
Texwell Textile co., Ltd.

Taiwan Innovative Wool Textiles

Taiwan Innovative Wool Textiles

紡紗、織布染色及整理一貫作業廠 Spinning, Weaving, Dye & Finishing Manufactory

梳毛紡紗廠 Worsted Spinning Manufactory

佳和實業股份有限公司

Chia Her Industrial Co., Ltd.

負責人：翁茂欽 董事長

PRESIDENT: Maw-Jang Wong

業務代表：翁偉翔 執行副總

MANAGER: Chase Wong

聯絡電話：886-2-27123998

聯絡傳真：886-2-27123127

主要產品：功能性羊毛、棉紗、合成纖維紗、混紡及純毛、戶外運動用品布

PRODUCTS: Functional Wool, Worsted Yarn, Worsted Blended Yarn, All Wool & Blended Fabric for Outdoor Sports.

Email: services@chgtex.com

<mailto:faxuser@mail.hwa.com.tw>

Website: www.chgtex.com

<http://www.hwa.com.tw>



郡隆纖維股份有限公司

Gemloom Textile Co., Ltd.

負責人：林基福 董事長

PRESIDENT: JiFu Lin

TEL: 886-2-28756262

FAX: 886-2-28756363

主要產品：梳毛紗、A/W混紡紗、織布紗、花式燃紗

PRODUCTS: Worsted Yarn, Blended Yarn, Wool Weaving Yarn, Fancy Yarn

E-mail: lin@garden-square.net



勤益國際紡織股份有限公司

GTM Textile Co., Ltd.

負責人：顧肇基 董事長

PRESIDENT: George Gu

業務代表：洪振昇 協理

VICE.PRESIDENT: Johnson Hung

聯絡電話：886-2-25523466

聯絡傳真：886-6-27765073

主要產品：羊毛混紡西裝布料、羊毛寢具、各式羊毛製成品、功能性布料。

PRODUCTS: Worsted Wool Blend Suiting Fabric, Wool Comforter and Wool Pillow, Wool Product: Scarf, Underwear, Synthetic Functional Fabric.

E-mail: gtmtextile@gtm.com.tw

公司網址: http://www.gtm.com.tw



山象紡織股份有限公司

Sunshune Textile Co., Ltd.

負責人：陳輝耀 董事長

PRESIDENT: Chen Huei Yau

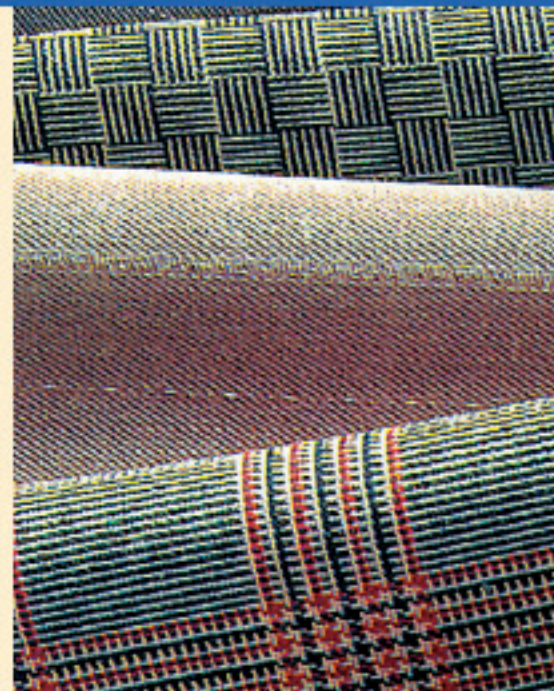
TEL: 886-2-25552349

FAX: 886-2-25582448

主要產品：羊毛紗、羊毛混紡紗

PRODUCTS: Woollen Yarn, Blended Yarn

E-mail: ching.george@msa.hinet.net



信華毛紡股份有限公司

Seaward Wool Textile Co., Ltd.

負責人：簡茂男 董事長

PRESIDENT: M. N. Chien

業務代表：黃志揚 經理

MANAGER: Eddy Huang

TEL: 886-2-25312161

FAX: 886-2-25362124

主要產品：純羊毛紗、成衣、梳毛混紡紗、毛衣、紡毛混紡紗、梳毛織品 (男、女裝毛料)、紡毛織品 (男、女裝毛料)

PRODUCTS: Worsted Spun, Garments, Wool Sweater, Woollen Yarn, Worsted Fabric (Man's & Ladies) Woollen Fabric (Man's & Ladies)

E-mail: seaward@ms21.hinet.net

hungsir@seawardwool.com.tw



德鑫紡織有限公司

GOOD SHINE CO., LTD.

負責人：黃建鑫 董事長

PRESIDENT: Jason Huang

聯絡電話：886-2-8201-8099

聯絡傳真：886-2-8201-8056

主要產品：花式燃紗、絨毛紗、合燃紗、混紡紗、亞克力紗、羊毛紗、麻棉紗

PRODUCTS: Fancy yarn, fluff yarn, yarn, blended yarn, ackri yarn, wool yarn, hemp yarn

E-mail: yuki@goodshine.com.tw

Website: www.goodshine.com.tw



三新紡織股份有限公司

San Shing Spinning Co., Ltd.

負責人：吳中和 董事長

PRESIDENT: C.H.Wu

業務代表：顏炳煌 總經理

Gen Manager: Y.P.H

TEL: 886-6-2531221~8

FAX: 886-6-2536505

主要產品：毛混紡紗、毛混紡織物、T/R混紡色紗、T/R格子布、聚酯加工絲

PRODUCTS: Worsted Blended Yarn, Worsted Blended Fabric, T/R Check Fabric, Polyester Texturized Yarn

E-mail: robert@colortex.com.tw

Website: www.colortex.com.tw



瑋霖有限公司

DJIC Limited

負責人：吳正忠 董事長

PRESIDENT: Daniel Wu

業務代表：張雅華

CONTACT: Grace Chang

TEL: 886-2-2516-4766

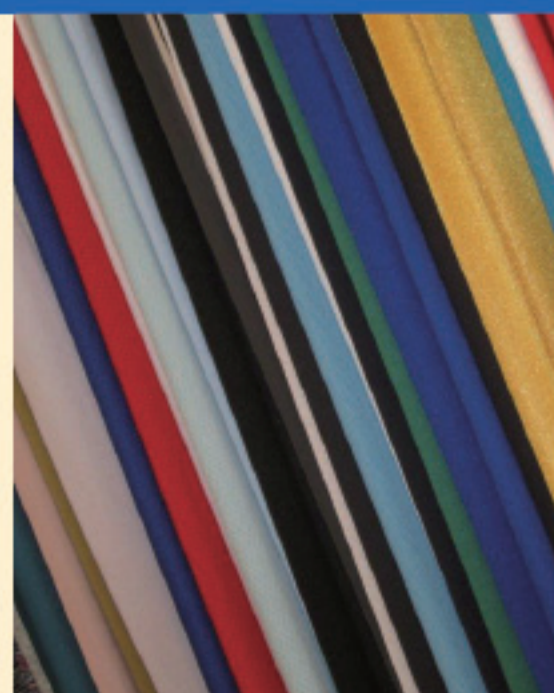
FAX: 886-2-2516-4768

主要產品：毛紡/棉紡/化纖/針織布的染整、織造和印花

PRODUCTS: wool/cotton/polyknit fabric for dyeing/printing/knitting

E-mail: sale@djic.com.tw

Website: www.djic.com.tw



Taiwan Innovative Wool Textiles

紡毛紡紗廠

Woolen Spinning Manufactory

綱泰毛紡股份有限公司

Kuon Tai Textile Co., Ltd.

負責人：吳正宗 董事長

PRESIDENT : J. T. Wu

業務代表：吳曉玲 經理

MANAGER : Charlene H.L. Wu

TEL : 886(0)916737599

主要產品：紡毛紗、混紡紗、毛毯、混紡織物、紡毛織物、針織紗、織布紗、點子紗

PRODUCTS : Woolen Hosiery Yarn, Woolen

Blend Yarn, Woolen Blanket, Woolen Blend

Fabric, Woolen Fabrics, Woolen Knitting

Yarn, Woolen Weaving Yarn, Nep Yarn

E-mail : charlenewu@symcointl.com



Taiwan Innovative Wool Textiles



毛織布廠 Wool Weaving Manufactory

泰福紡織股份有限公司

Tai Fu Textile Co., Ltd.

負責人：陳順理 董事長

PRESIDENT : S. L. Chen

業務代表：陳俊賢 總經理

GEN MANAGER : Chun-Hsien Chen

TEL : 886-6-2703331

FAX : 886-6-2703333

主要產品：毛織布

PRODUCTS : Wool Fabric

E-mail : taifu.tex@msa.hinet.net



原料廠 Raw Material Manufactory

利華羊毛工業股份有限公司

Reward Wool Industry Corporation

負責人：應柔爾 董事長

PRESIDENT : King Rosa Roueel

業務代表：施耀堂 經理

GEN MANAGER : Terry Shih

TEL : 886-2-27811161

FAX : 886-2-27521193

主要產品：毛條、炭化毛、防縮毛條、防縮散毛

PRODUCTS : Wool Top Carbonized

Wool Wool Grease Machine

Washable Wool Top Machine

Washable Loose Wool

E-mail : reward@reward.com.tw

Website : www.reward.com.tw



明和羊毛股份有限公司

Ming Ho Wool Industry

Co., Ltd.

負責人：楊明達 董事長

PRESIDENT : Steve Yang

業務代表：甘建民 Jason Gan

TEL : 886-3-4981968

FAX : 886-3-4989516

主要產品：紡紗；毛紗

PRODUCTS: Wool Top

E-mail : gan225896@kimo.com



功能性紡織品供應商 Functional Textile Suppliers

駿賢企業股份有限公司

D.A.G. Co., Ltd.

負責人：張大鈞 董事長

PRESIDENT : David Chang

TEL : 886-2-25551355

FAX : 886-2-25580067

主要產品：男裝及女裝一精紡、粗紡毛料及化纖混紡面料；各種紗、布及其他紡織品

PRODUCTS : Worsted, Woolen And

Synthetic Fabric For

Men's And Ladies'

E-mail : dag.ckmain@msa.hinet.net



湯姆隆實業股份有限公司

Tomlong Techstile Corp.

負責人：吳明顯 董事長

PRESIDENT : Vincent Wu

TEL : 886-4-23365615

FAX : 886-4-23365610

主要產品：各種纖維紗類、紡織品、TPU紡織品貼合業務

PRODUCTS : Fiber, Textile Fabrics,

TPU Laminated Fabrics

E-mail : info@tomlong.tw

Website : www.tomlong.com.tw



得維紡織股份有限公司

Derwei Textile Co., Ltd.

負責人：陳金德 董事長

PRESIDENT : Chen Chin Te

TEL : 886-4-23505001

FAX : 886-4-23505005

主要產品：黏扣布、萊卡印花、旅行箱用布、
嬰兒車網布、成衣用布、PET環保
紗、抗UV、吸濕排汗、防霉抗菌、
防火阻燃、功能性網布、網布貼合

PRODUCTS : Velcro, Lycra Printed, Luggage Net,
Baby Car Net, Garment Fabrics, Anti-UV, Wicking,
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Fabrics, PVC, TPU, PEVE, EVA And Lamination...

E-mail : derwei@derweitex.com.tw

Website : www.derweitex.com



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E.Textint Corp.

負責人：陳清樂 董事長

PRESIDENT : CL. Chen

業務代表：王月娥 經理

MANAGER : Y. L. Wang

TEL : 886-3-327-8155

FAX : 886-3-327-7027

主要產品：成衣/紡織品用熱轉印標業製
造

PRODUCTS : Heat Transfers for
Garments & Textile etc.

E-mail : transale@textint.com.tw

Website : www.textint.com.tw



翰新實業股份有限公司

Handseltex Industrial Corp.

負責人：蔡錦芳 董事長

PRESIDENT : Teason Tsai

業務代表：吳彥欣 Jenny Wu

TEL : 886-2-25217356

FAX : 886-2-25211055

主要產品：針織布料買賣

PRODUCTS : Fancy Knits

E-mail : jenny@hst.com.tw

Website : www.hst.com.tw



詠祥紡織股份有限公司

Carol Textile Co., Ltd.

負責人：林壽山 董事長

PRESIDENT : Michael Lin

TEL : 886-2-25583730

FAX : 886-2-25593016

主要產品：各種針織品、紡織品、梭織品
等各種流行布料。

PRODUCTS : Jackets, outdoor-wear,
shirts, sportswear and
varieby of Actire-wear.

E-mail : sunny@caroltex.com

Website : www.caroltex.com



鼎祐國際實業有限公司

Protect Accessory Co., Ltd.

負責人：王金菊 董事長

PRESIDENT : 游政龍 Wayne

TEL : 886-2-29860022

FAX : 886-2-29899451

主要產品：成衣輔料

PRODUCTS : Accessories for outdoor
wear.

E-mail : service@dragon-times.com

Website : www.dragon-times.com



誠佳科技紡織股份有限公司

Creative Tech Textile Co., Ltd.

負責人：王葉訓 董事長

PRESIDENT : Eddie Wang

TEL : 886-6-2727287

FAX : 886-6-2727282

主要產品：各種紡織品、布疋、衣著...
等各種流行布料

PRODUCTS : Jackets, outdoor-
wear, shirts, sportswear
and varieby of Actire-
wear.

E-mail : eddie@hansglobaltextile.net

Website : hansglobaltextile.net



鼎祥國際興業有限公司

3C-TEX
INTERNATIONAL CO.,
LTD

負責人：游炳和 董事長

PRESIDENT : JALVIN YU

業務代表：曾玉宜

CONTACT : YUI JENG

TEL : 886-5-2348898

FAX : 886-5-2348896

主要產品：尼龍布、針織布、彈性布、聚脂布

PRODUCTS : NYLON, POLYESTER

E-mail : alvin0519@gmail.com

Website : www.3c-tex.com



庭鋒企業有限公司

Anndywell Co., Ltd.

負責人：洪振耀 董事長

PRESIDENT : Chun Yao, Hung

業務代表：洪振耀 總經理

Gen Manager : David, Hung

TEL : 886-2-22693530

886-2-22693531

FAX : 886-2-22693532

主要產品：彩色羽絨服

PRODUCTS : Colorful Down Apparel

E-mail : d1@rainbowdown.com

Website : www.rainbowdown.com



Taiwan Innovative Wool Textiles Taiwan Innovative Wool Textiles

得偉染織股份有限公司

Texwell Textile Co., Ltd.

負責人：施坤煌 董事長

PRESIDENT : SHIH, KUN HUANG

業務代表：施建德 特助

CONTACT : RICK SHIH

聯絡電話：886-4-7977227

聯絡傳真：886-4-7977100

主要產品：針織布(刷毛布, 特力可得, 網洞布, 貼合品及其他機能型針織布)

PRODUCTS : Fleece, Tricot, Mesh, Soft Shell, and other functional fabrics

E-mail : rickshih@texwell-textile.com

Website : <http://www.texwell-textile.com/>



永瀧興業有限公司

Align Textile Co., Ltd.

負責人：何柏璿 董事長

PRESIDENT : TIM, HO

業務代表：何柏璿

CONTACT : TIM, HO

聯絡電話：886-3-3562512

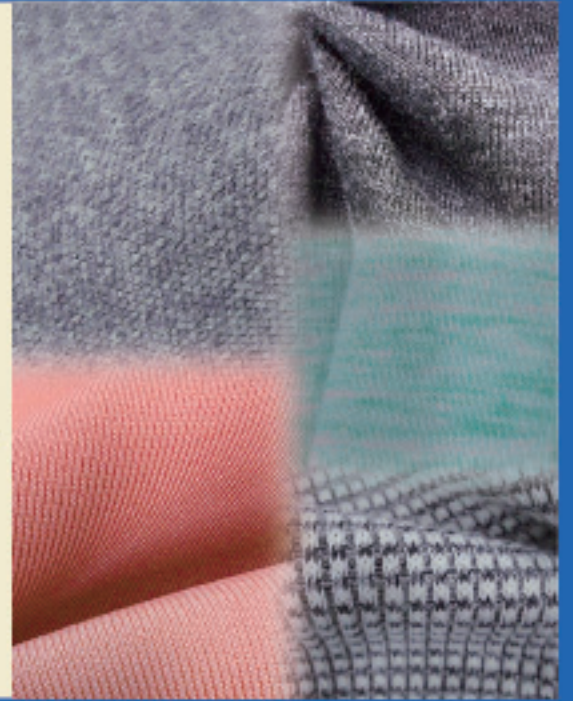
聯絡傳真：886-3-3562521

主要產品：針織, 平織, 其他布疋批發

PRODUCTS : Knitting, flat weaving, other furuncles wholesale

E-mail : service@aligntex.com

Website : <http://www.alliance-textile.com>



信岳織造廠股份有限公司

Sin Yo Textile Factory Co., Ltd.

負責人：邱岳坤 董事長

PRESIDENT : Chiu Yueh Kun

業務代表：李勇達 經理

MANAGER : Darren Li

TEL : 886-4-26816356

FAX : 886-4-26815194

主要產品：織帶、腰帶、鬆緊帶、提花帶、圓繩、大小帶等

PRODUCTS : Webbing, Elastic Band, Jacquard Webbing, Variable Webbing, Cord

E-mail : tehgoang@ms15.hinet.net

Website : sinyo.tw





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