

# TITAS F/W 12 - S/S 13

OCTOBER 12-14, 2011 | TAIPEI | TAIPEI WORLD TRADE CENTER  
TITAS hosts key producers and buyers of performance fibers and fabrics.

# ABOUT THE SHOW

Taiwan remains a world leader for synthetic fiber production and cutting-edge functional sports fabrics. Its annual Taipei Innovative Textile Application Show (TITAS) serves as a regional showcase for the industry. Organizer Taiwan Textile Federation invited international top buyers, representing 77 sports and apparel brands. Buyers met one-on-one with requested exhibitors in private booths. Collections covered both F/W 12 and S/S 13 seasons. "Fall/Winter 2012 collections were elaborate and developed, expressing a full range of technological capacities." - Carlo Sorrenti, Tod's Group

## SHOW FACTS:

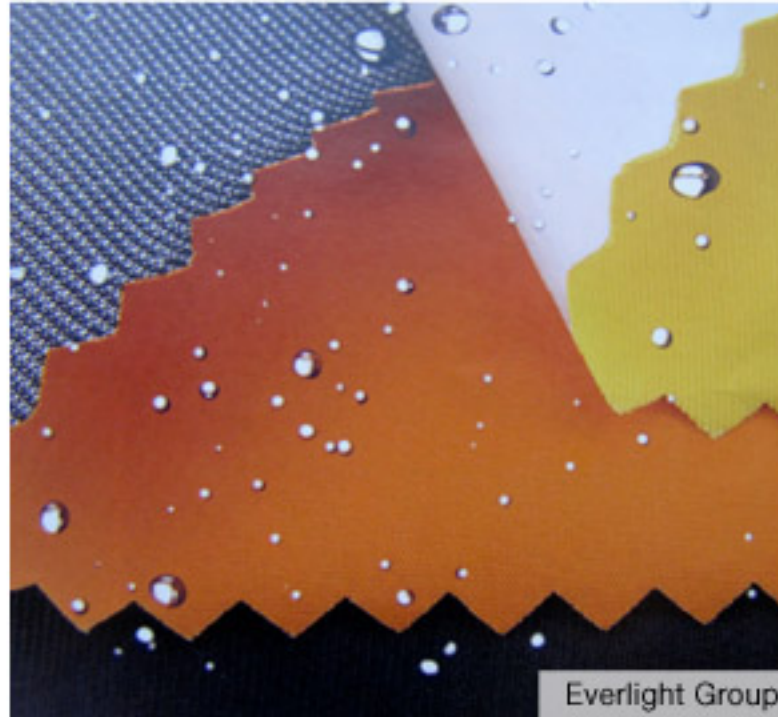
- # of Exhibitors: 345 exhibitors (580 booths) from 12 nations or regions
- # of Attendees: 25170 visitors; 100 invited buyers from Under Armour, Speedo, Lafuma, Eider, Helly Hansen, Li-Ning, Luhta, Patagonia, etc.
- Venue: Taipei World Trade Center
- Next Show Date: October 16-18, 2012 at new venue Taipei World Trade Center Nangang Exhibition Hall
- [www.titas.com.tw](http://www.titas.com.tw)



# CHEAT SHEET



Formosa Taffeta



Everlight Group



Ho Yu Textile

## FIBERS

- 15, 20 and 30 den nylon
- Recycled PET polyester
- Bamboo, coconut or other origin charcoal
- Polypropylene
- Conductive yarns
- Sustainable fibers (Sorona®, TENCEL®, Modal®)

## PERFORMANCES

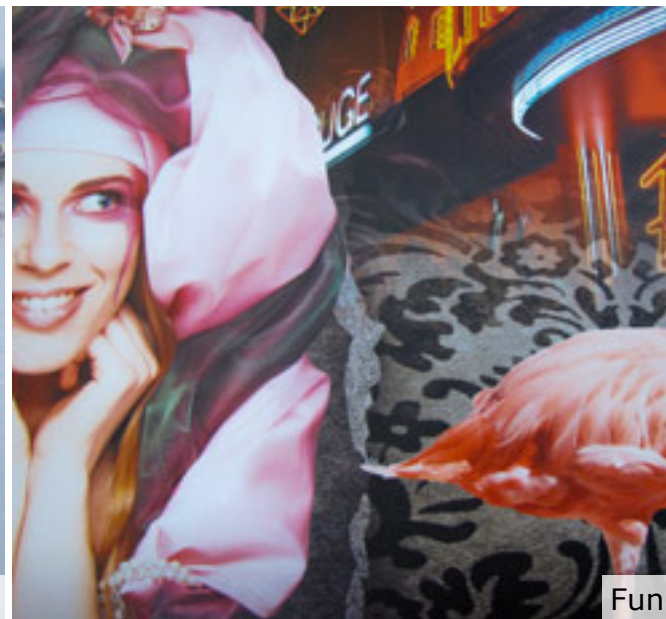
- Ultra lightweight
- Cooling effects
- Heat retention
- Dry comfort
- Anti-UV and de-odorizing
- Waterproof, water-repellent and breathable

## DEVELOPMENTS

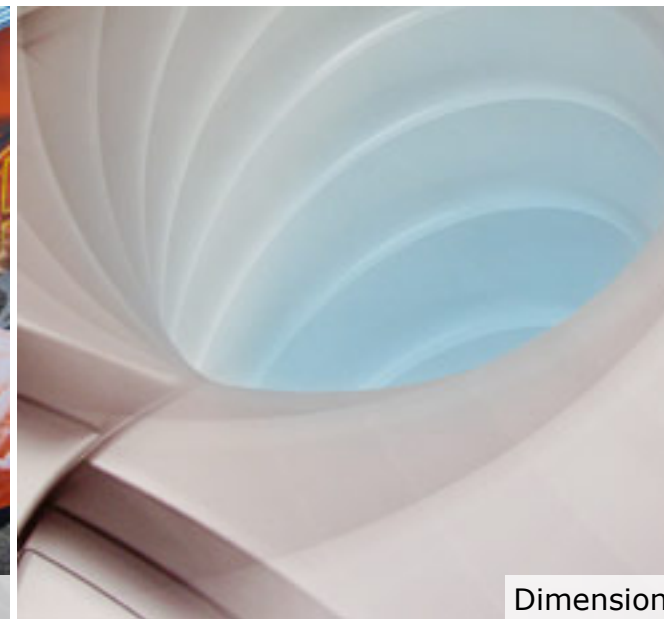
- S.Café® coffee fiber (Singtex)
- Trans-Uno® poly/nylon (Formosa Taffeta)
- Everzol ED eco reactive dyes (Everlight)
- Multi-use lamination adhesive EVERECO®PUR206 (Everlight)
- New Topcool+ polyester (Far Eastern)
- Lycra® Sport stretch jersey (New Wide)
- Nanodermis soft finish (Formosa Taffeta)



Less



Fun



Dimension



Kitsch



Less



Fun



Dimension



Kitsch

LESS, FUN, KITSCH, DIMENSION  
TREND FORUM

TITAS's trend forum offered surprising directions and colors for apparel without specifically highlighting sportswear. *Fun*, *Less*, *Dimension* and *Kitsch* pushed recycling, earth preservation, Sci-Fi and fashion mismatching themes. Performance characteristics achieved via fiber and fabric technology gained strength against high water or energy performance surface treatments, chemical coatings and membranes.



Mood – Champion



Recycled PET polyester -  
Ho Yu Textile



Recycled PET polyester - DA AI



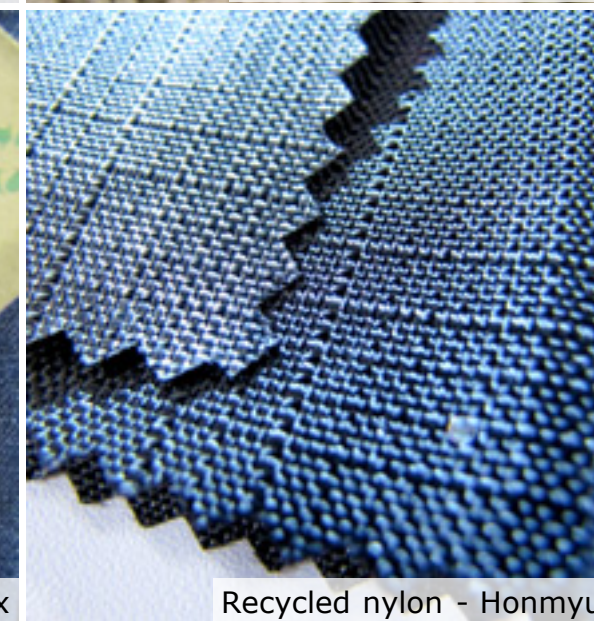
Recycled PET polyester -  
Tuchen Textile



Recycled PET polyester - DA AI



Recycled coffee polyester - Singtex



Recycled nylon - Honmyu

RECYCLE UPDATE  
FIBER

Improvements in hand for PET recycled polyester, recycled nylon and coffee-based fibers are attracting buyers.

Topgreen™ by Far Eastern: new recycled PET bottle polyester yarn for wovens and knits / S.Café® by Singtex: coffee polyester fiber made from coffee grounds collected at Starbucks and other coffee stores; available now in fleece, denim and padding / Non-dyed beige recycled polyester from mixed green and white PET bottle pellets at DA.AI



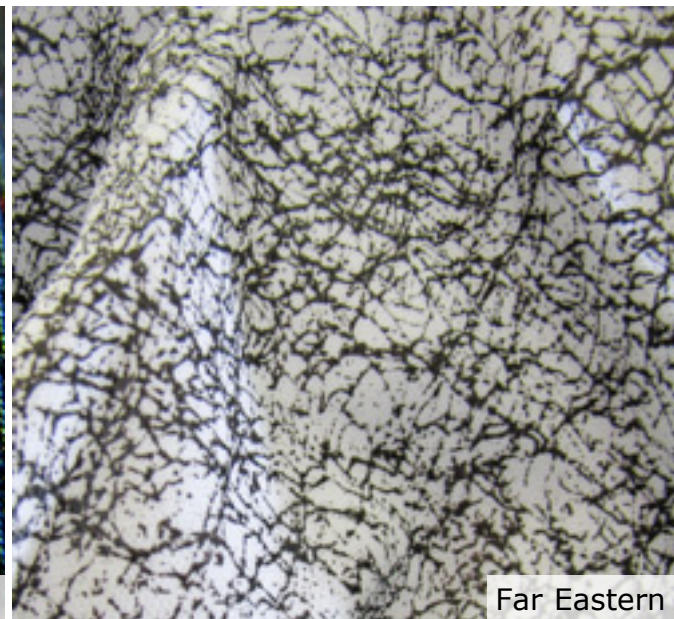
Tri Ocean Textile



Mood - Nike



Fabric King Textile



Far Eastern



Fabric King Textile



Tri Ocean Textile



Tri Ocean Textile



Tri Ocean Textile

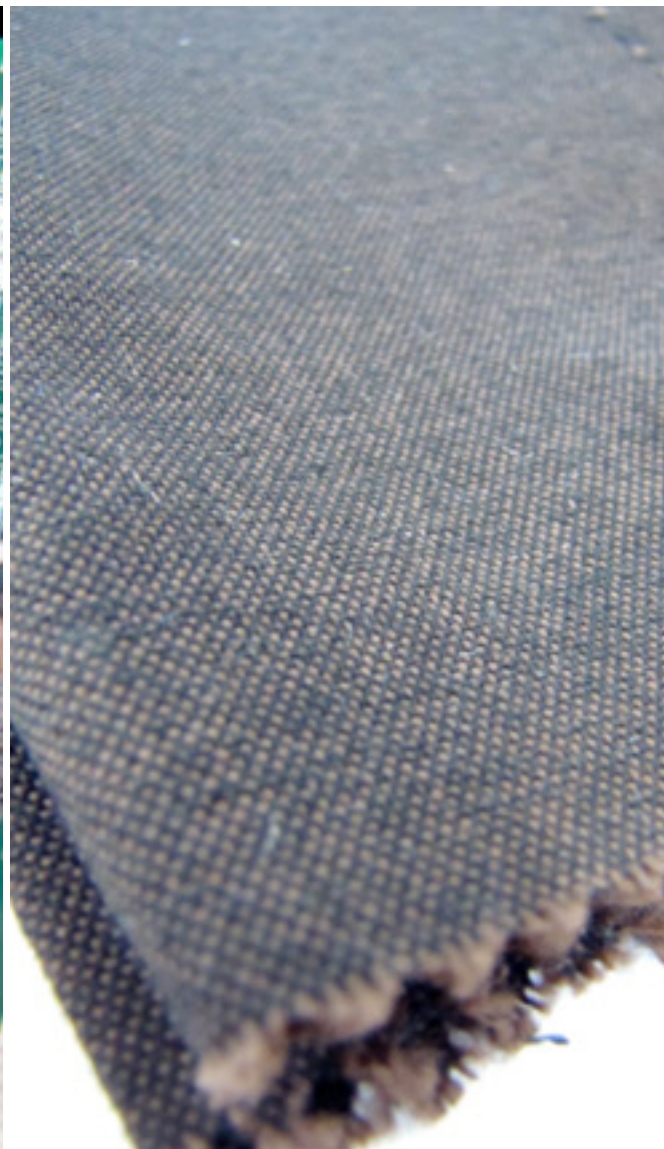


A new take on polypropylene offers cotton-y softness.

Pure or blended polypropylene for active underwear, diving suits, ski clothing, backpacks, sport socks and gloves / Solution dye processes and low energy consumption of DreamFel® polypropylene by TriOcean: lightweight, easy-care, heat retaining and quick-dry characteristics / DreamFel® is used in U.S. military uniforms for polar regions / Dyeable polypropylene by Far Eastern gives fashion appeal to lightweight, comfortable, moisture-managing, easy-care fabrics



Organic and natural colored cottons  
- Be Be Cotton



Sustainable produced polyester -  
Honmyue Enterprise



Everzol CS eco-friendlier  
reactive dyes - Everlight

**SUSTAINABLE BELIEFS**  
FIBER + DYEING

Sustainability remains a priority in fiber, fabric, dye and surface treatment choices.

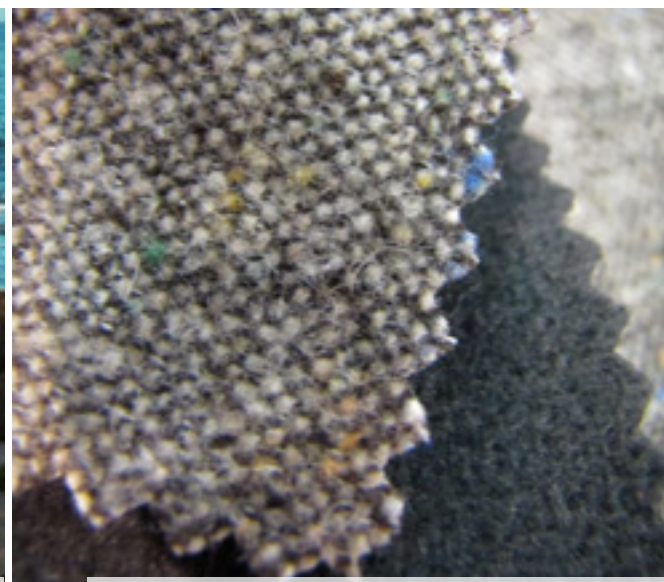
Dupont Sorona® used by Erictex, Formosa Taffeta, New Wide, Far Eastern / Formosa Chemicals & Fibre presents natural bamboo staple fibers with excellent humidity absorption, permeability and anti-bacterial performances; recommended for sport underwear and summer activewear / Everzol CS eco-friendlier yet precise reactive dyes by Everlight / New Bio-PET (30% sustainable fiber) by Nan Ya Plastics / Increased use of TENCEL® and Modal® in wovens and knits



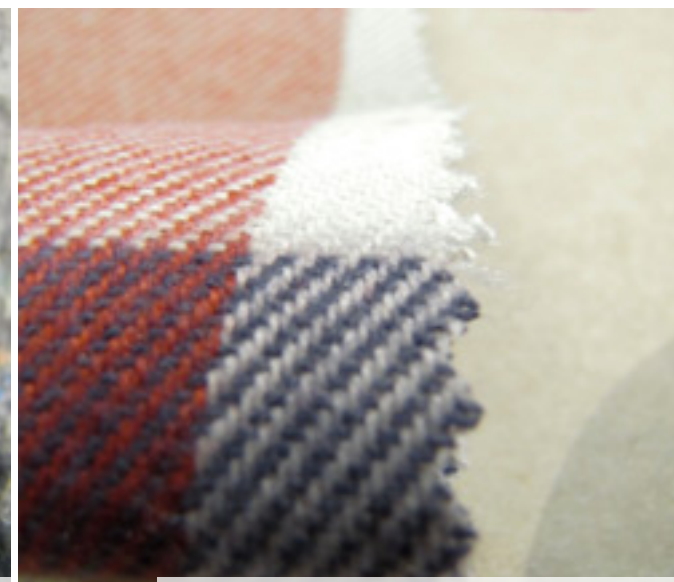
Bonded fleece -jacquard - Jingletex



Mood - Roxy



Bonded fleece -wool tweed - Jingletex



Brushed polyester-wool- Chia Her



Laminated, waterproof wool - Chia Her



Bonded fleece-wool - Jingletex



Mood - Herschel Supply



Brushed polyester- wool dobby - Chia Her

FUNCTIONAL WOOL FIBER

A group of established Taiwanese mills are reinventing functional wools.

NwoolTex wool series by Chia Heir; HoWTec blends of wool and hollowed polyester in lightweight yet warm weaves; TwooITec TENCEL®/wool blends for eco-friendly functional jacketing; MwoolTec blends Modal® with wool for extra softness / Tuchen Textile T-4 cross-section wool yarn blends with S.Café coffee yarn at Jingletex





Supima cotton – Be Be Cotton



Stylesight Mood Image



65% PE, 35% cotton – Yuh Shan Shing



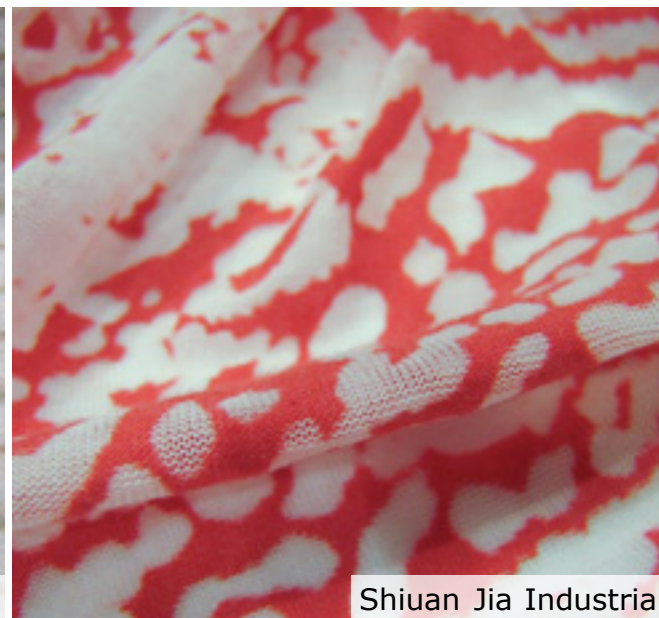
Tai Yuen Textile Co.



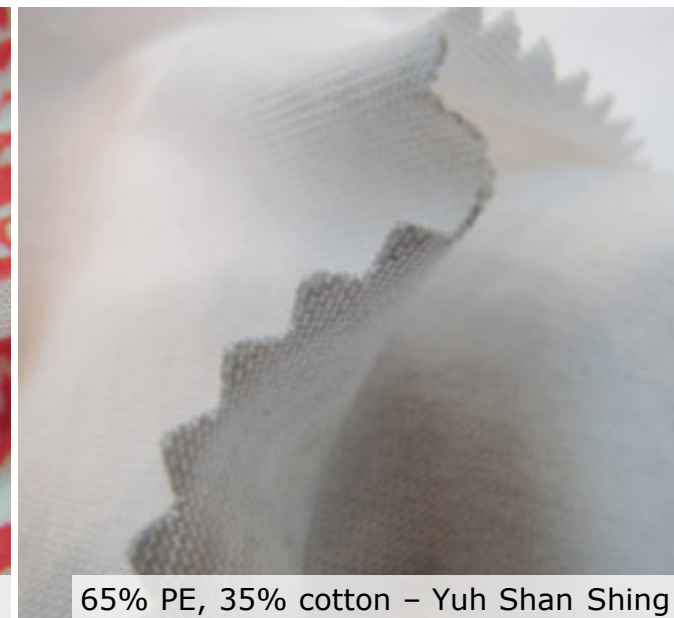
New Wide



Be Be Cotton Knitting



Shuan Jia Industrial

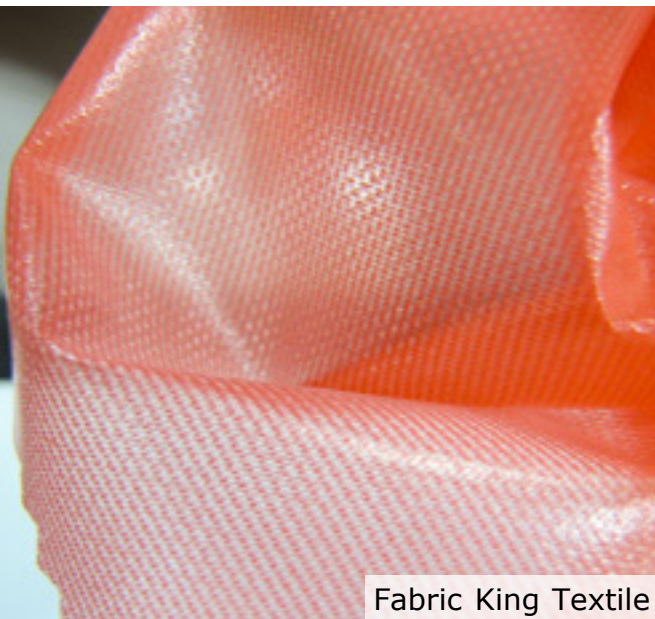


65% PE, 35% cotton – Yuh Shan Shing

## HIGH-END COTTON FIBER

Although TITAS generally concentrates on polymers, cotton remains a big player for fine circular and flat knits for close-to-skin activewear and underwear applications.

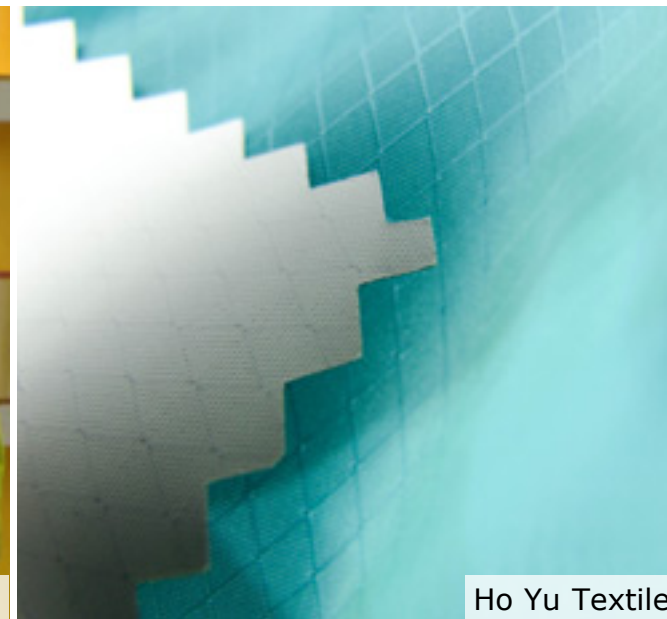
Supima cotton high-end jersey / Be Be Cotton: natural vegetable dyes for organic cotton; un-dyed natural color cotton jersey / Yuh Shan Shing offers UV-protective, deodorizing jersey in polyester/cotton; wicking and deodorizing finishes are key



Fabric King Textile



Tear-resistant 15 den nylon - Elitex



Ho Yu Textile



Mood - Polar



Mood - Arc'teryx



Ho Yu Textile



Formosa Taffeta



Tear-resistant 15 den nylon - Elitex



Lightweight fabrics start at 20g, and evolve with increased combined performances and more transparent surfaces.

Tear-resistant lightweights for puffers and tents / Funky neon lightweight downproof (15 to 30 den); water-vapor permeable and windproof nylons at Elitex / 10 to 15 den nylon for windbreakers, down puffers and sleeping bags at Formosa Taffeta / Thin, light, digitally printed Primica nylon by Fabric King / Transparent 30g/sqm nylon downproofs at Ho Yu Textile



Anti UV TENCEL@-wool shirting - Chia Her



Fabric King Textile



Cooling Topcool + polyester- Far Eastern



Cooling, stretch iWoolTec shirting - Chia Her



Pioneering a new era of cooling polyesters, top companies are developing alternative, top-secret spinning technologies to conventional mineral treatments.

Topcool+ modified polyester is Far Eastern's second generation cooling polyester with increased moisture management, quick-dry and anti-static properties / Cooling, casual nylon shirting with cotton hand by Hans Global / Sorona®-based cooling fabric Flycool® by New Wide / Cooling polyester blended shirting at Chia Her



Hungs Fortune Int



Far Eastern

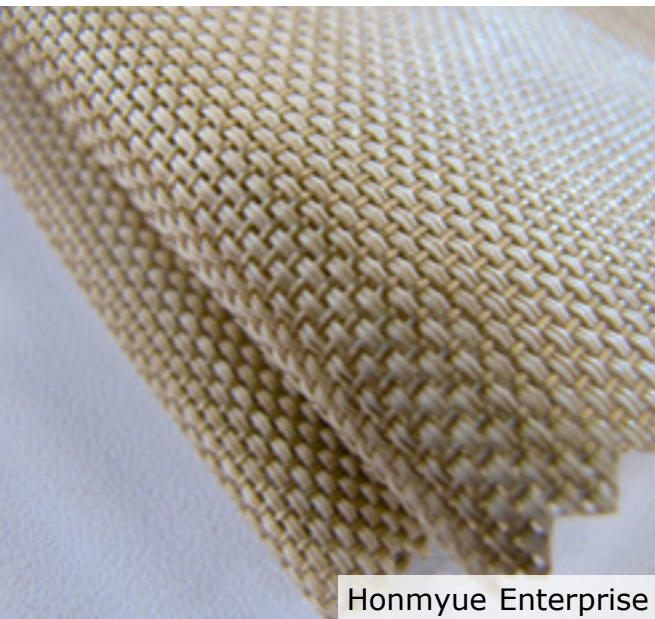


Hungs Fortune Int

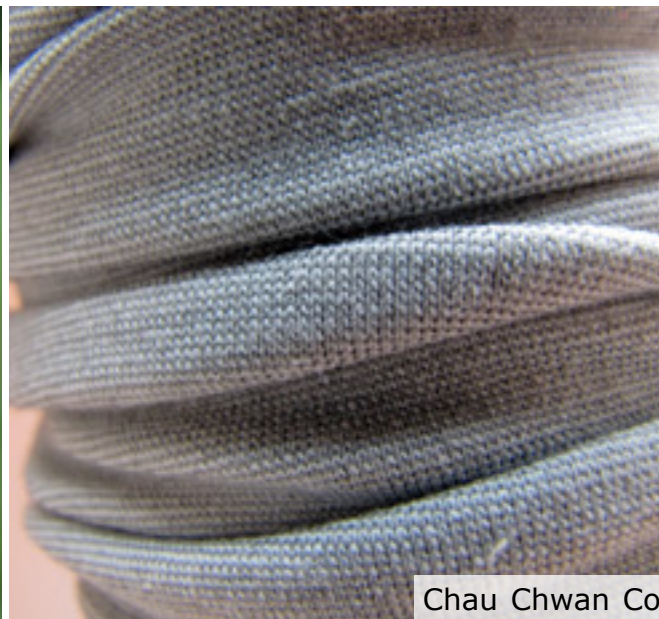


Key for mountain and winter sport collections, charcoal or ceramic powder treatments retain warmth, enhance blood circulation and are moisture-permeable, waterproof and windproof.

Moisture absorbing, heat retaining Dri-release fabrics by New Wide / Hans Global's Feathery® yarn: a spun hollow polyester yarn for lightweight, warm fabrics with UPF 30+ protection; wicking and quick-dry performances / Snuggtex® fabric by Formosa Taffeta uses natural bamboo charcoal powder to create warmth retention; de-odorizing, moisture-permeable, wind and waterproof



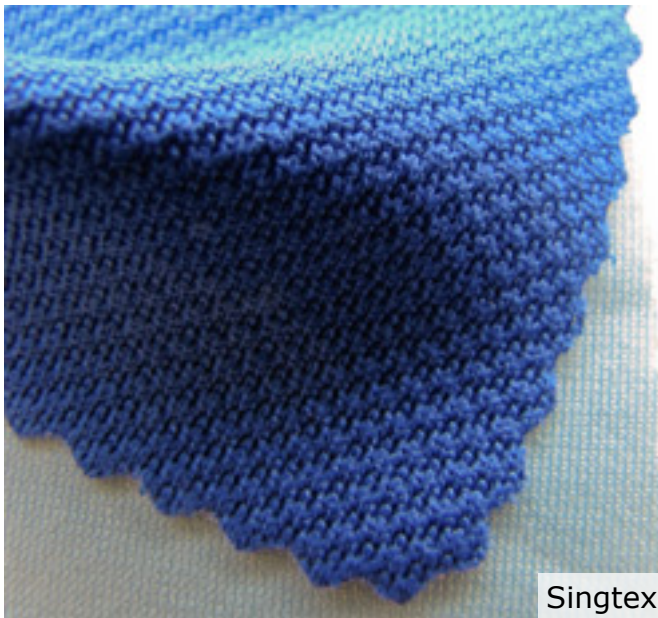
Honmyue Enterprise



Chau Chwan Co



Evertex anti UV - Everest



Singtex



Evertex anti UV - Everest



Singtex

SUN PROTECTION PERFORMANCE

Ultraviolet protection is a must-have performance for golf, bike, tennis and casual clothing.

UVA and UVB protection: SunLess UPF50++ fabric by Shiuan Jia / Texcare® UV protection fabrics by Haojey / UPF 40+ protection combines with wicking, quick-dry and easy-care performances at Hans Global



Taiwan Textile Research



Mood - Nike



Reflective print glows at night -  
Hitex Textile



Rechargeable LED - Fabric King

SMART & SAFE  
PERFORMANCE

New smart clothing concepts have conductive yarns and fibers for safety and protection performances.

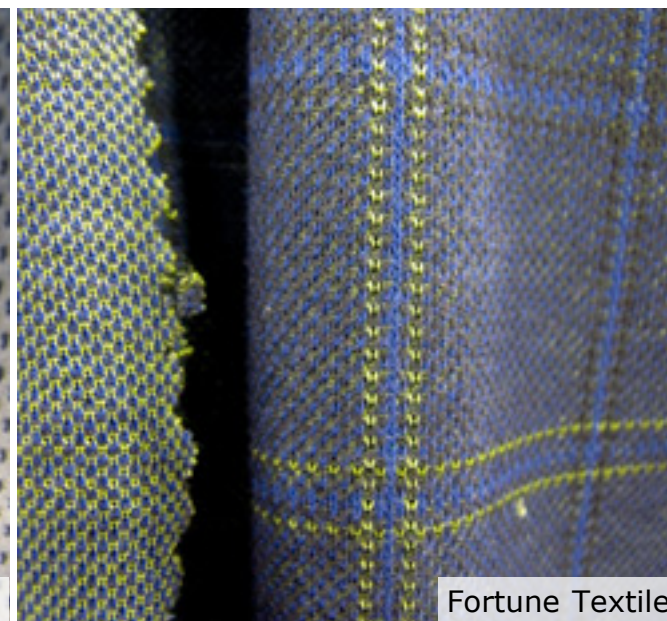
Fabric King's fancy LED-integrated materials are washable with a removable rechargeable battery / AiQ, a subsidiary of TexRay, introduces vertical fiber-to-garment production for solar panel jackets (for recharging electronic devices); bikewear with LED safety lights; gloves with conductive stainless steel fibers in the fingertips for tablet and touchscreen use



Formosa Taffeta



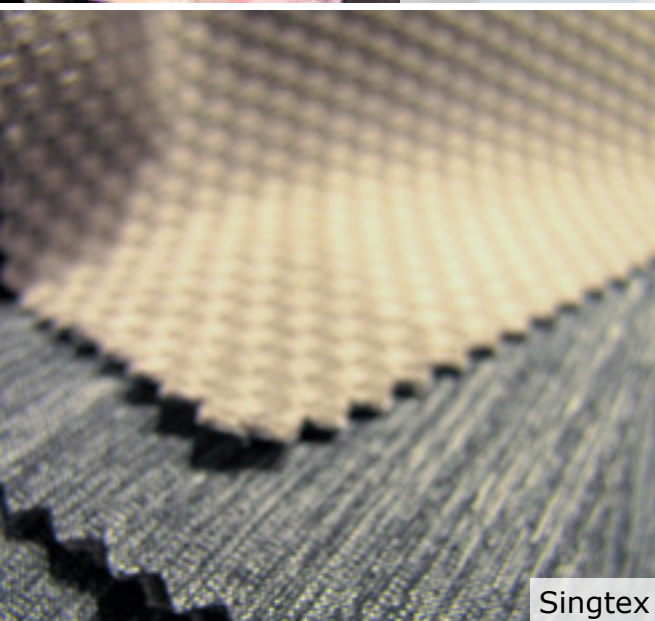
Formosa Taffeta



Fortune Textile



Formosa Taffeta



Singtex



Singtex



Mood - Nike

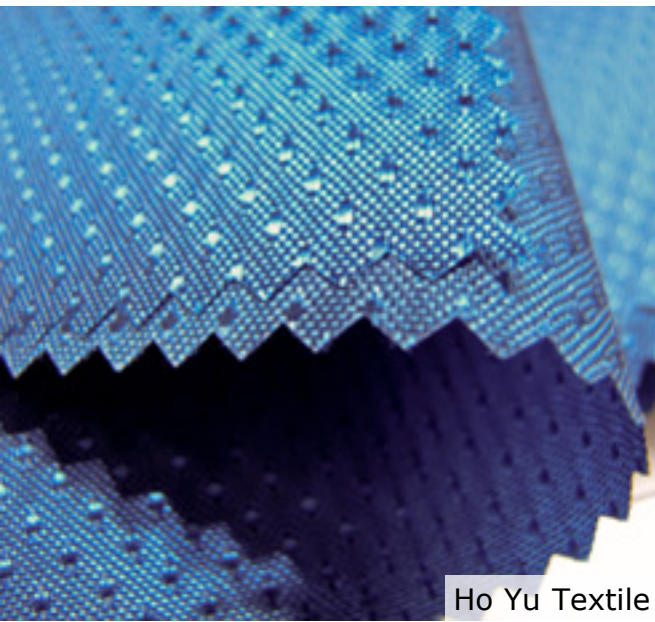


Evertex Fabrinology

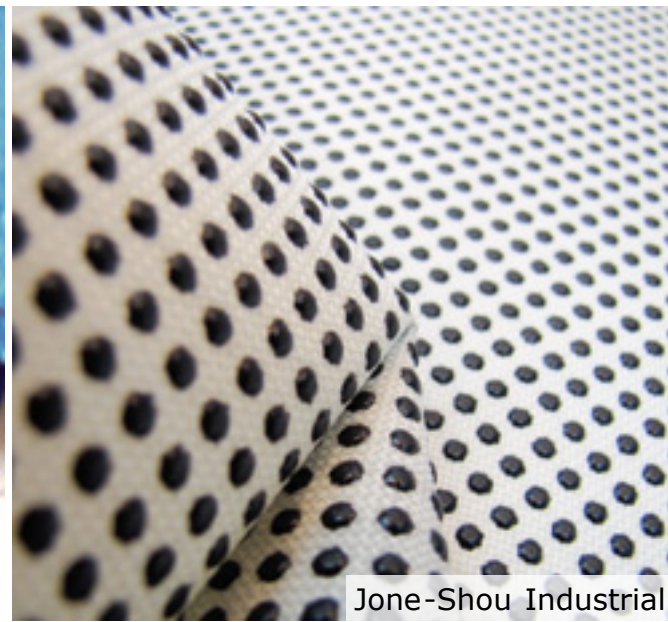


Feeling dry and fresh remains a key activewear requirement for wovens and knits, no matter the perspiration level.

PullPushTex® by Fabric King transfers moisture and is quick-drying / Patented Dry Reverse by Shuan Jia: synthetic wicking fabric with non-permeable and quick-dry performances / New Trans-Uno polyester/nylon by Formosa Taffeta: one-way moisture conduction fabric with both moisture-transfer and water-repelling characteristics



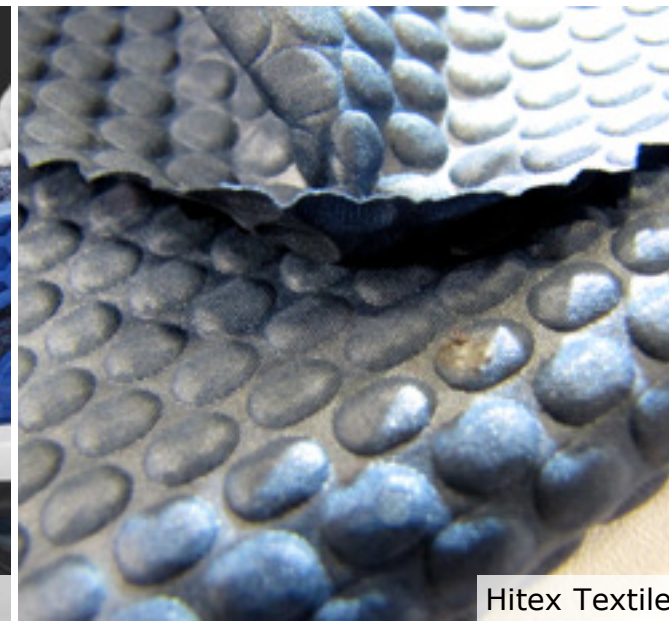
Ho Yu Textile



Jone-Shou Industrial



Nike Tennis



Hitex Textile



Honmyue Enterprise



立體的視覺魅力  
Dimensional Illusion

TITAS Trend Forum



Jain Textile Co. Ltd



Hungs Fortune Int

DIGITAL TEXTURES  
PERFORMANCE

Micro to large-scale textured geometric repeats are key for many fabrics from fleece to waterproofs.

3-D textured fleece at Hung's Fortune / Monochrome jacquard weaves renew lightweight windbreaker nylons at Fabric King / Increased texture for synthetic knits through embossing, jacquards, and paper print films / Seersucker lightweight nylon by Formosa Taffeta





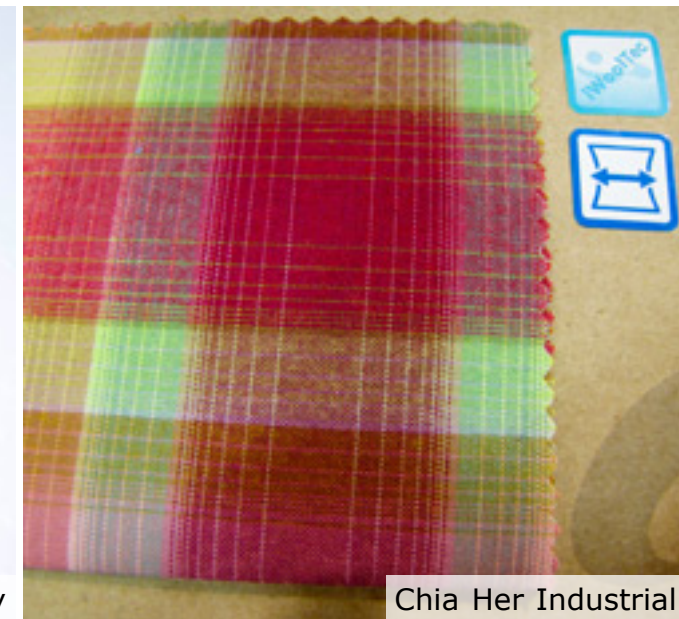
Andywell



TITAS Trend Forum



Roxy



Chia Her Industrial



Formosa Taffeta



Junmay Label Mfg



Formosa Taffeta



Omikenshi Co

**BOLD & BRIGHT**  
KEY THEME

Injecting fashion value into functional fabrics becomes fundamental.

Greater choice of bright, glossy and neon surfaces / Enhanced textures for monochrome jacquard textiles (Fabric King) / Yarn dyes or inkjet printing techniques / Heather effects through mélange nylon yarns at Formosa Taffeta / Wax coatings create special gloss effects / Front and back silicone coatings on polyester/nylon downproofs



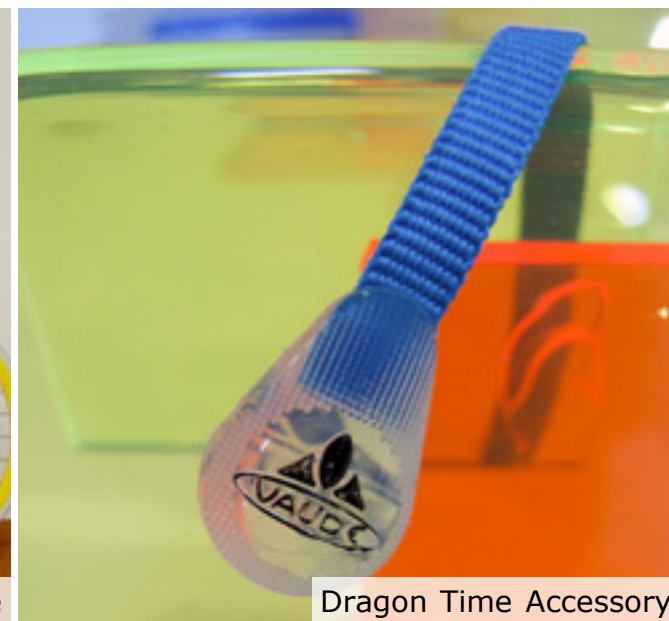
Junmay Label Mfg



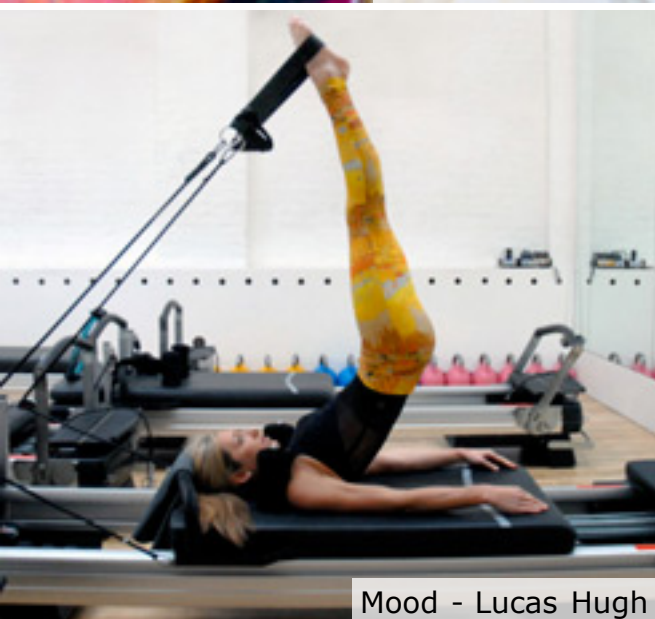
Dragon Time Accessory



Mood - Bike



Dragon Time Accessory



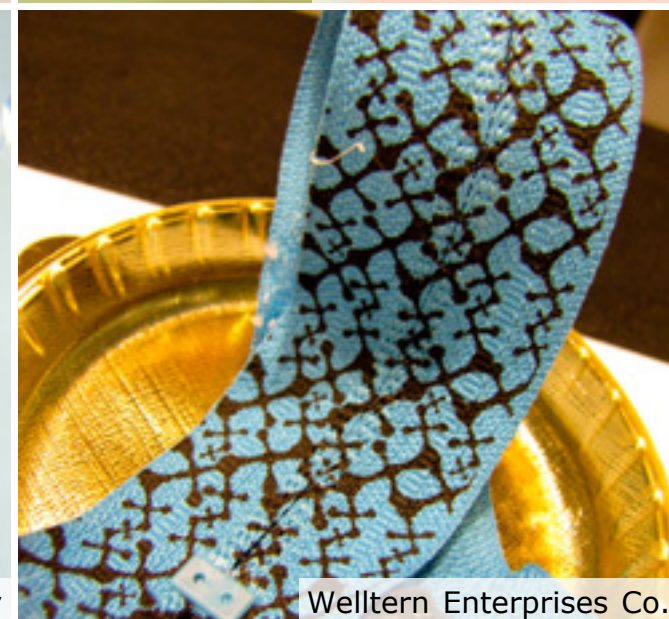
Mood - Lucas Hugh



Hornng Dah Zuoer



Dragon Time Accessory

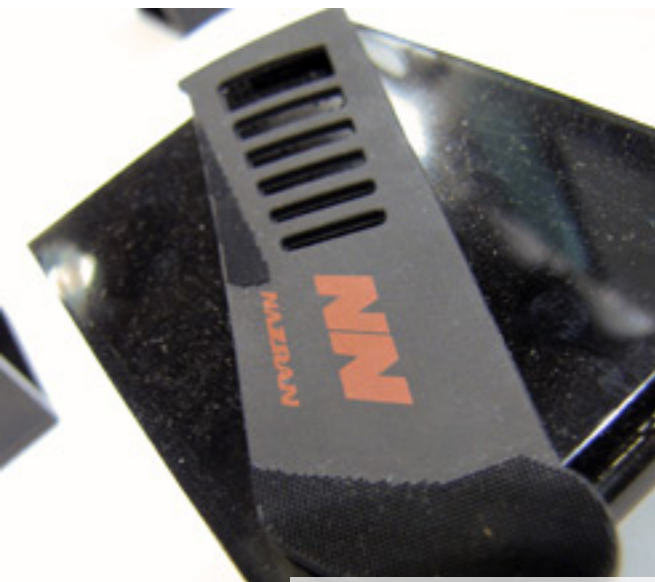


Welltern Enterprises Co.

VITAMIN VIBE  
TRIMS + EMBELLISHMENTS

Accessories pop in energetic color combinations, and may inspire S/S 13 detailing.

Solid bright summer colors for digital prints on zipper tapes, buttons, badges, labels / Fancier patterns for digitally printed zipper tapes / Colored, transparent silicone or polyester cord stoppers and labels / LED light piping



Dragon Time Accessory



Dragon Time Accessory



Mood - Red DeLeon



Welltern Enterprises Co.



Junmay Label Mfg



Formosa Taffeta



Welltern Enterprises Co.



Dragon Time Accessory

**INDUSTRIAL POWER**  
TRIMS + EMBELLISHMENTS

Solid black and white zippers and trim will work for both F/W 12 and S/S 13 collections.

Industrial design appeal / Matte surfaces / Silicone zipper pulls, small branding appliqué, cord stoppers / Opaque metal buttons and snaps / Digitally printed tapes / Degradé effects on zipper teeth

# EDITOR'S CHOICE



## HANS GLOBAL (TAIWAN)

[hansglobaltextile.net](http://hansglobaltextile.net)

The company's piece-dyed checked shirtings are alternatives to yarn-dye weaves that reduce bath treatments and therefore energy consumption. Minimum orders start from 1000m.



## HO YU TEXTILE (TAIWAN)

[www.hoyu.com.tw](http://www.hoyu.com.tw)

Ho Yu Textile's cotton-y polyester serves as an attractively priced cotton alternative. All standard coatings and membranes are applicable to create added performance value, and fabrics are available in different weave textures, including gabardine and canvas.



## SHIUAN JIA INDUSTRIAL (TAIWAN)

[www.shiuanjia.com.tw](http://www.shiuanjia.com.tw)

This firm's SunLess UPF50++ is an anti-UV heat dissipating knit, ideal for indoor and outdoor activewear. Anti-infrared nano-mineral power incorporates into an irregular cross-section fiber, resulting in moisture-transfer, heat isolation, breathability and quick dry characteristics.