



IT'S ABOUT  
LOOKING FOR  
OPPORTUNITIES  
IMATEXTILEPERSON

IT'S ABOUT  
TRYING  
SOMETHING  
NEW  
IMATEXTILEPERSON



IT'S ABOUT  
BEING OPEN TO  
NEW IDEAS  
IMATEXTILEPERSON

IT'S ABOUT  
FLEXIBILITY  
IMATEXTILEPERSON



IT'S ABOUT  
PROTECTION  
IMATEXTILEPERSON

# *synnix*

THE TEXTILE PEOPLE

# Corporate Profile

## Staff

120 employees (30 in the downtown office and 90 in the dyeing mill)

## Facility

17,000 square meters dyeing mill with the in-house laboratory and the research and development team



## Capacity

15,000,000 yards per year

## Main Product Lines

Woven synthetic functional fabrics catering to performance outerwear such as jackets, shirts, and pants



## Key Value Proposition

Innovative fabrics with stable quality and outstanding service

## Certification

bluesign®

And Others



## 1993

- Guann Lin Textile Co., Ltd. was founded as a trading company and headquartered in Taoyuan, Taiwan
- Guann Lin Group completed and integrated the manufacturing network on the fundamental stage

## 2002

- Synnix Industries, Inc. was established to complete the renovation of Guann Lin Group facilities, the dyeing mill
- Our own brand, *synnix*<sup>®</sup>, was launched to the global outdoor functional fabric market

## 2004

- The in-house laboratory of *synnix*<sup>®</sup>, for quality assurance was established with the crucial and essential testing machines on functional textiles

## 2006

- synnix*<sup>®</sup> was issued the certification of Oeko standard 100 on coated and laminated polyamide or polyester fabrics with waterproof and breathable finishes

## 2007

- The in-house laboratory was certified by L.L. Bean, Adidas, and Nike

## 2008

- Synnix Technology Research Center (STRC) was established to develop, strengthen, and maintain our top quality assurance systems
- The In-house laboratory was certificated by Columbia Sportswear and Vanity Fair
- Synnix passed bluesign® screening

## 2009

- Synnix became a bluesign® system partner

## 2010

- Synnix launched a brand new corporate identity, *synnix*®, ready to take more business opportunities and all future challenges!


## 2014

- Obtained ISO9001: 2008 certificate
- And afterward with other more certified

## **synnix** Values

- ✓ Outstanding Service
- ✓ True Commitment

## **synnix** Personality

- ✓ Personal
- ✓ Honest
- ✓ Proactive 

## **synnix** Service

- ✓ Professional
- ✓ Warm

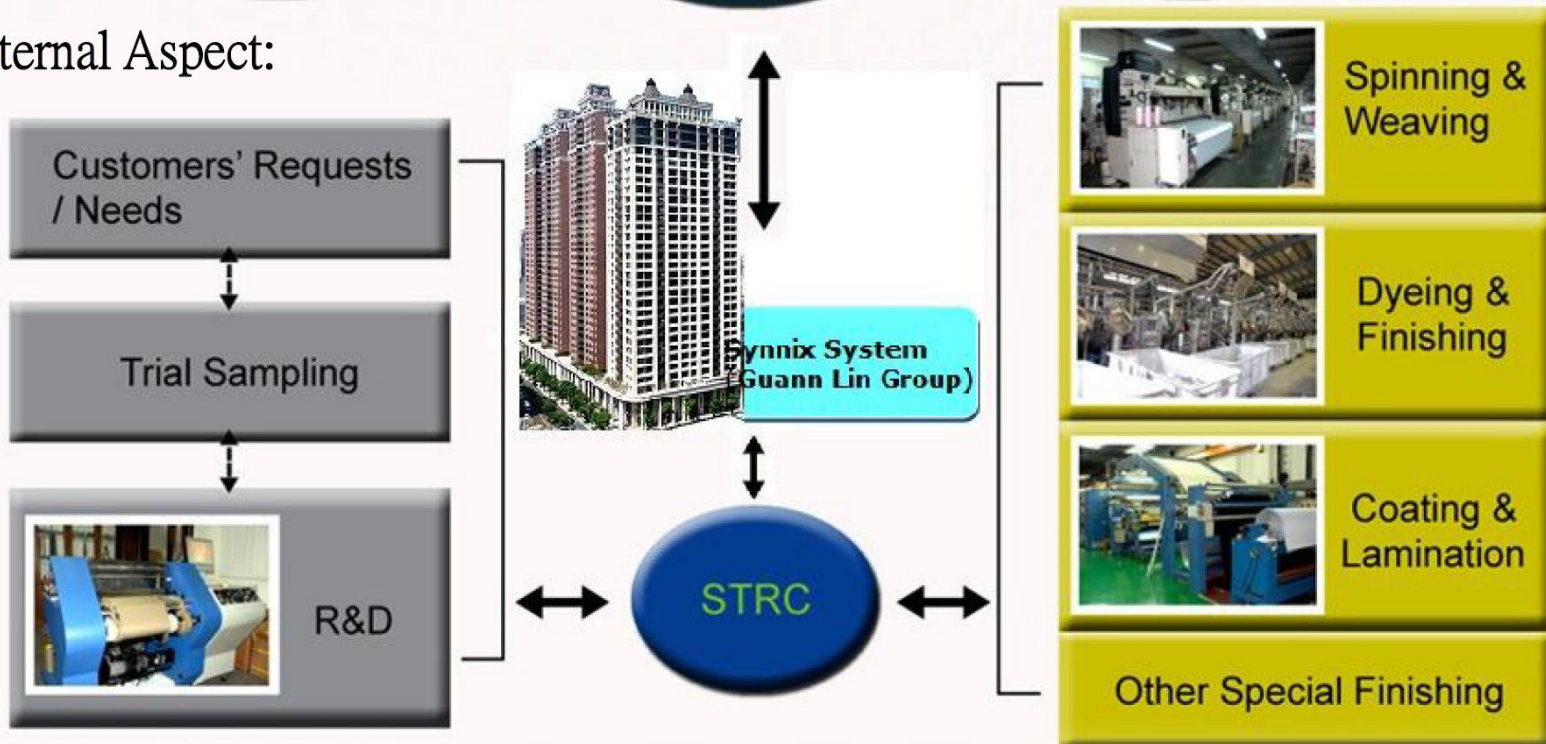


# Integration System

External Aspect:



Internal Aspect:



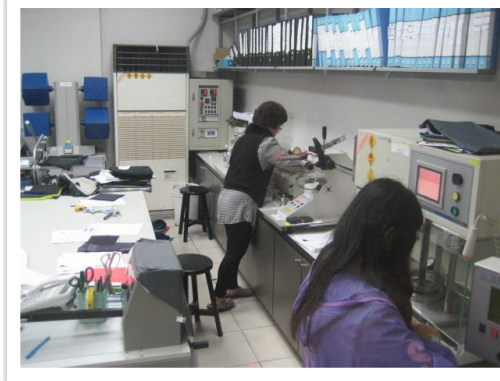
\*Supports from TTF & TTRI

\*Manufacturing Cluster

Three Quality Assurance Systems by *synnix*® Technology Research Center (STRC)



Color Quality Assurance by *synnix*® Lab Dip Team

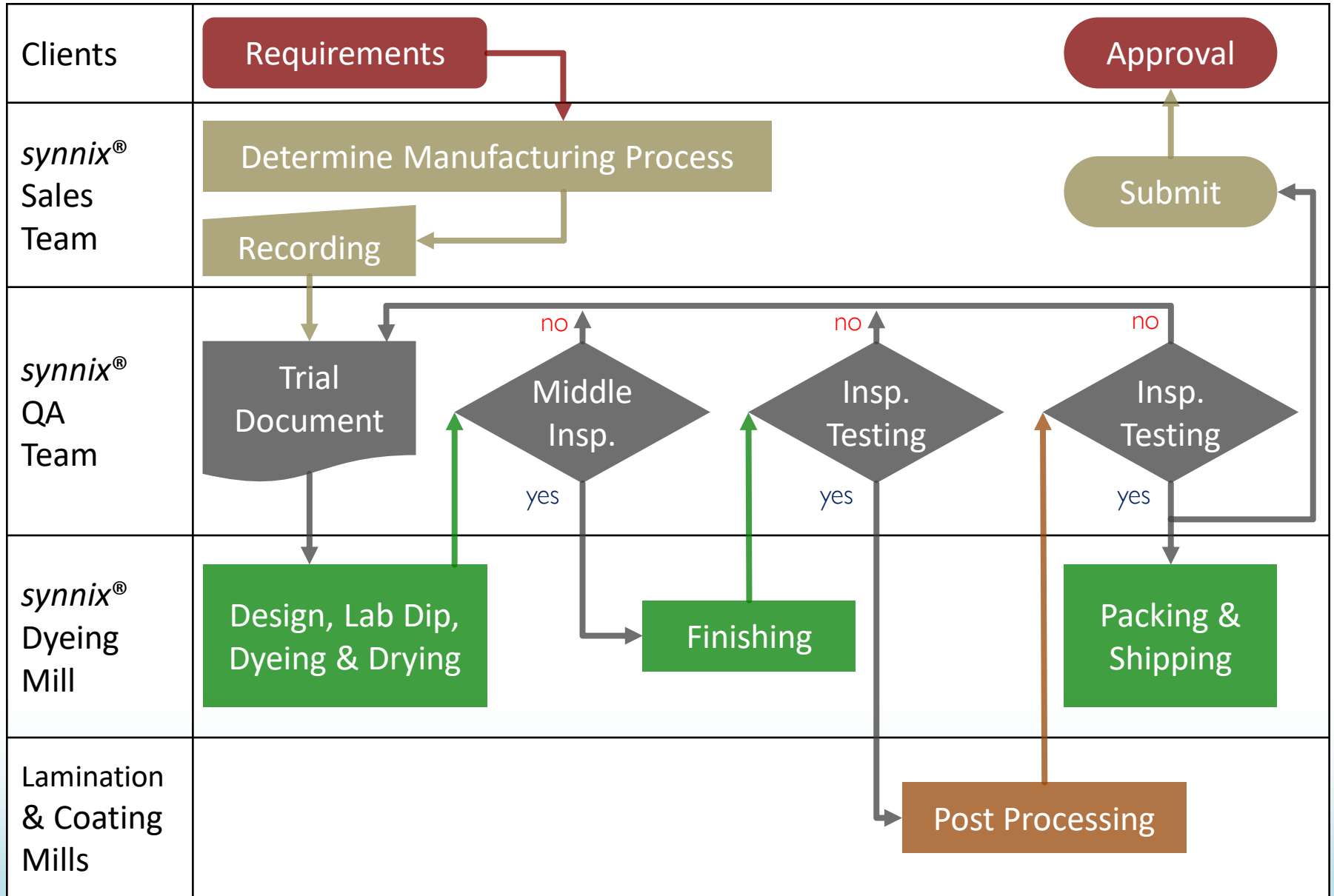


Performance Quality Assurance by *synnix*® In-house Laboratory



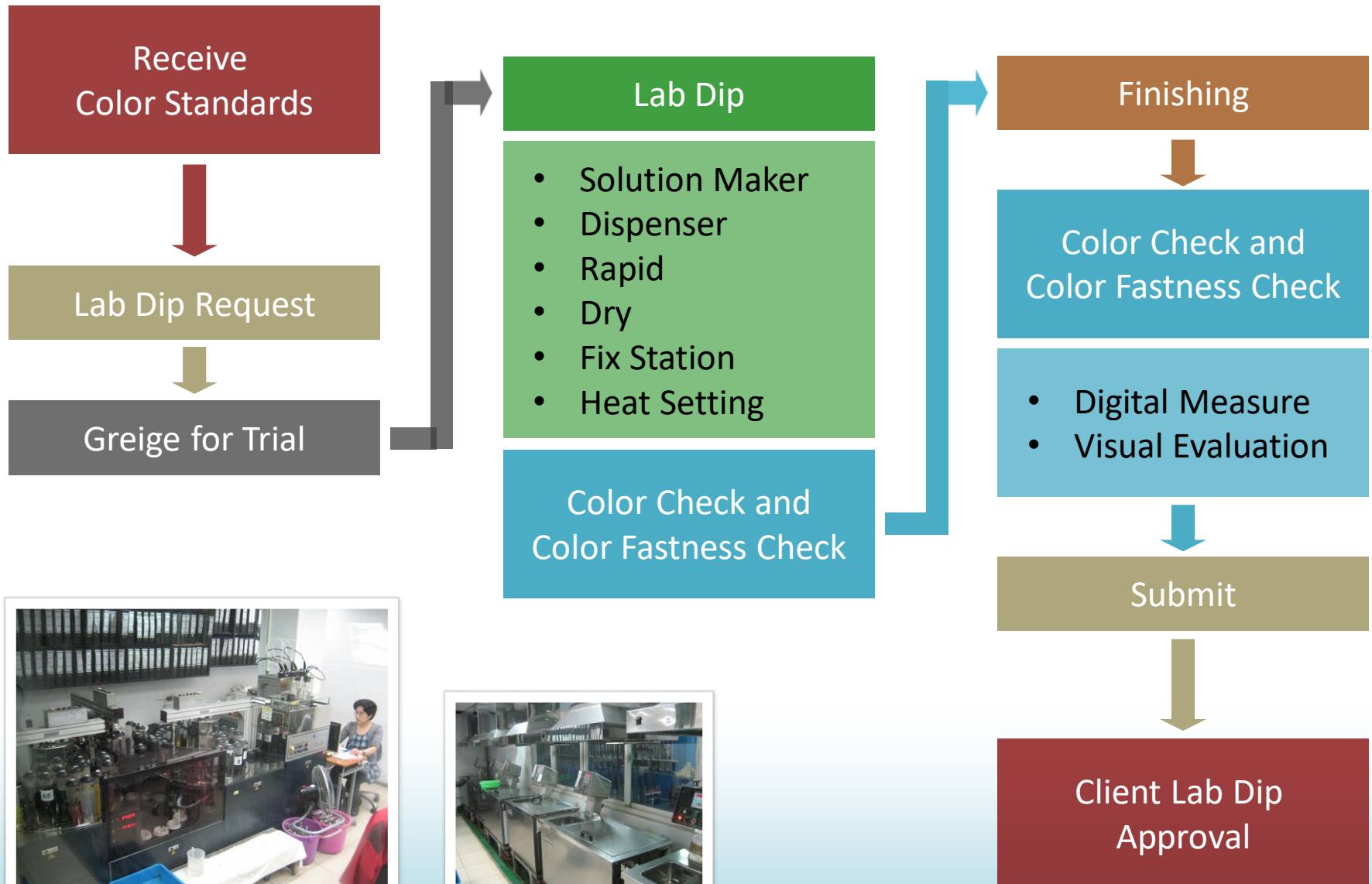
Manufacturing Quality Assurance by *synnix*® Production Management Division

# Quality Assurance Process

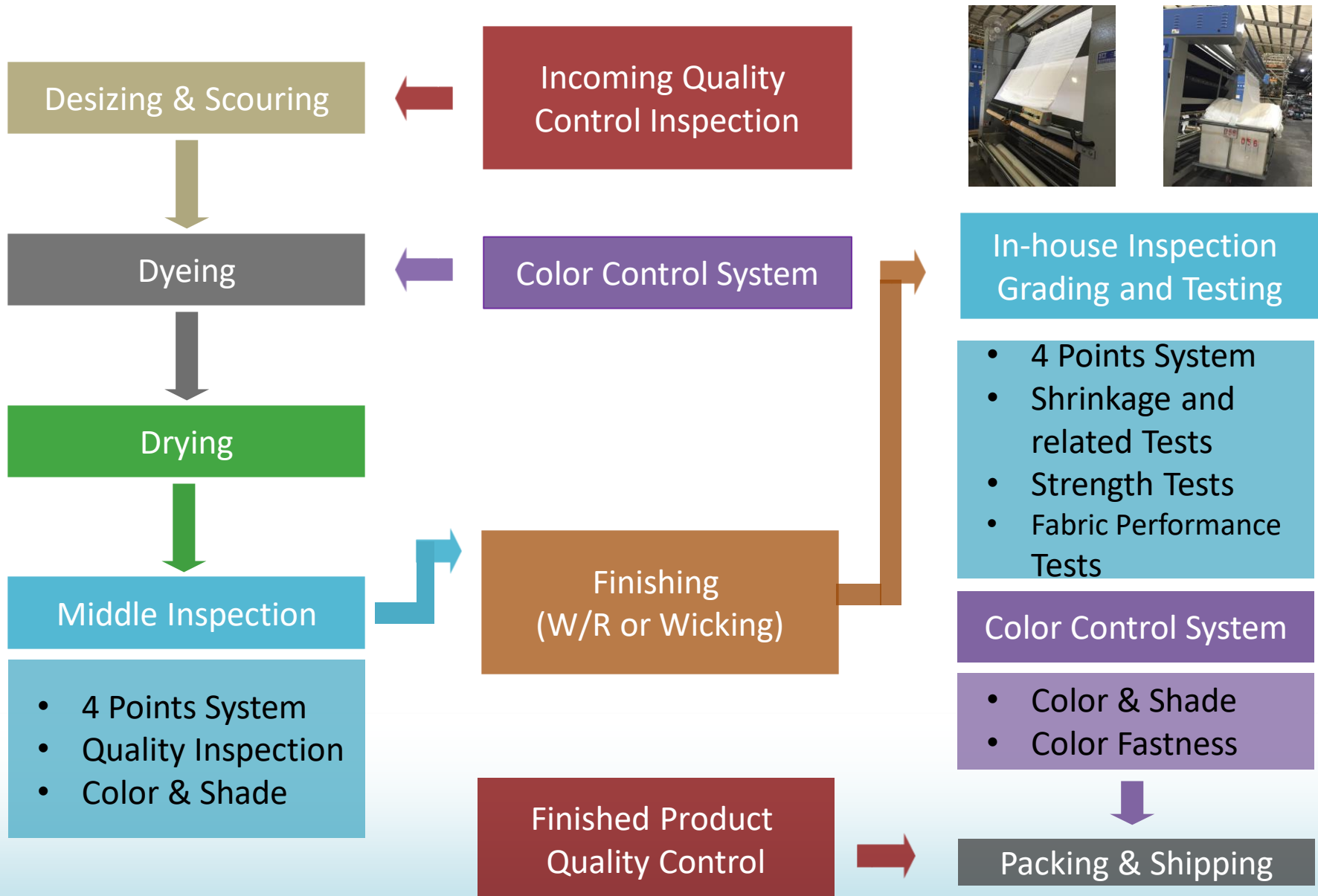




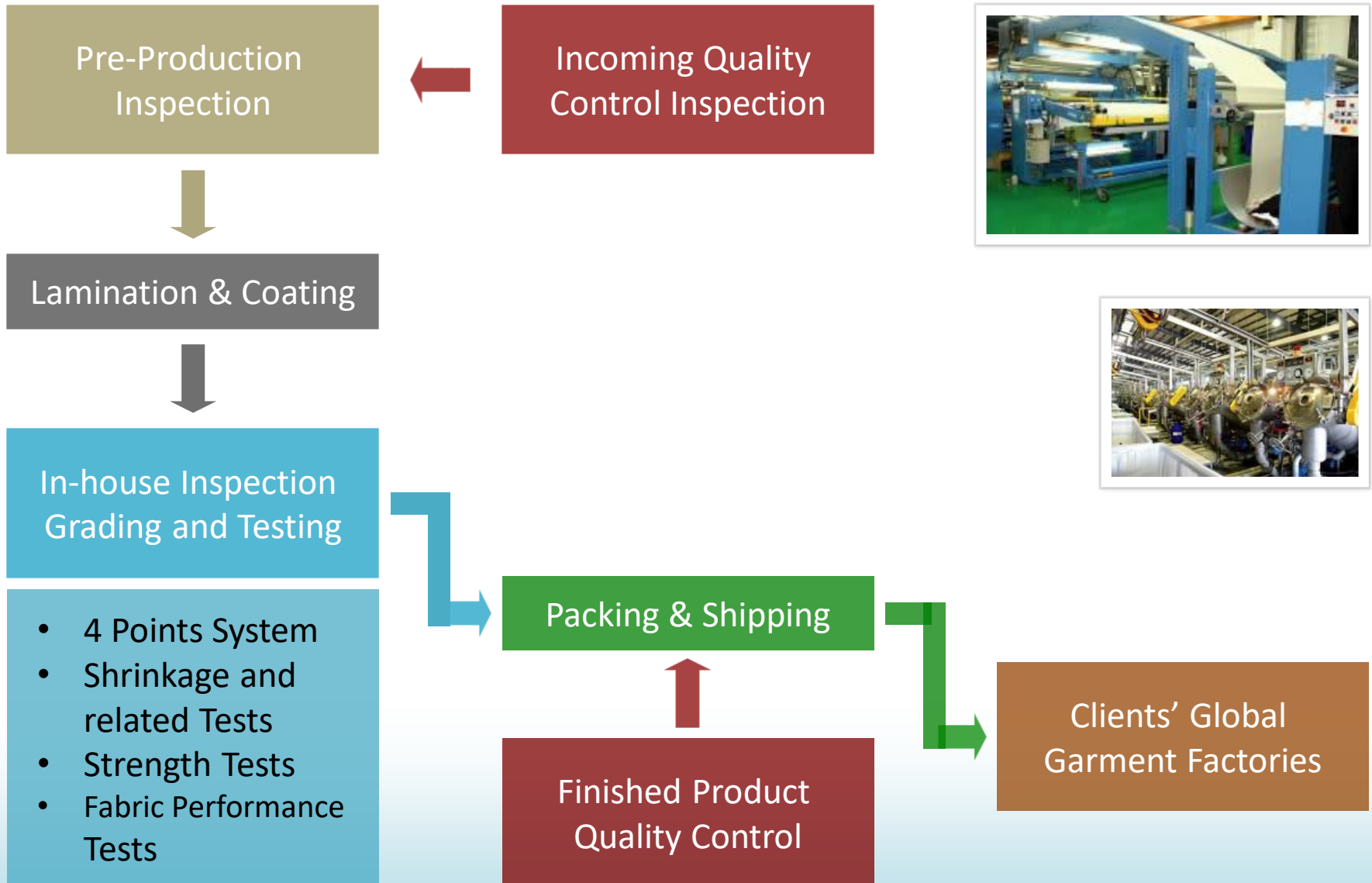
# Lab Dip Process and Color Control



# Dyeing Process and Quality Assurance



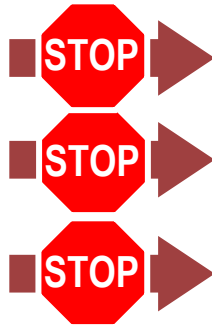
# Lamination & Coating Process and QA



## bluesign®

### Input

- ~~PVC~~
- ~~Phthalates~~
- ~~APEO~~
- ~~Heavy Metals~~
- ~~PFOA & PFOS~~
- ~~Sensitising Dyes~~
- ~~Toxic Solvents~~
- ~~Other Toxic Substances~~



### Process / Technology

Monitoring  
and  
Optimization

### End Products



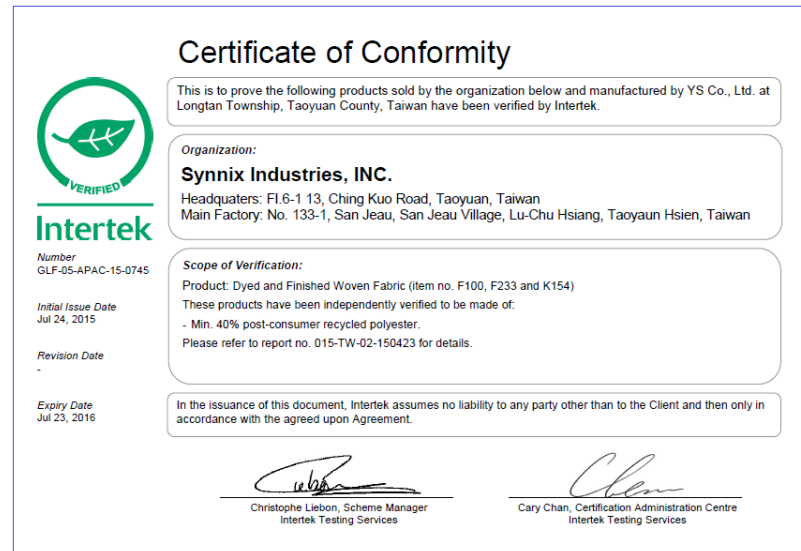
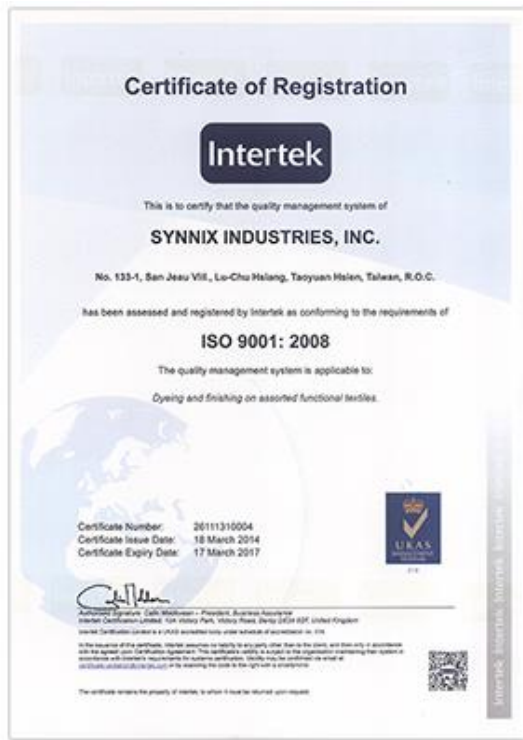
bluesign®  
standard

bluesign®

SYSTEM  
PARTNER

## 2014

- Synnix was issued the certification of **ISO9001: 2008** for our main factory and the verification of **Recycled PET** for our dye and finished woven fabric by Intertek



## Recycled PET

The scope of verification is applicable to Synnix's dye and finished woven fabric that has been independently verified to be made of minimum 40% post-consumer recycled polyester



## ISO9001: 2008

The quality management system is applicable to Synnix's dyeing and finishing on assorted functional textiles

## 2016

- Synnix acquired Certificate of Compliance issued by Control Union which declares that Synnix has been inspected and assessed according to the Global Recycled Standard (GRS) version 3.0 for Recycled Polyester products, which we have it renewal yearly



And...

Control Union Certifications  
P.O. Box 161, 8000 AD Zwolle, The Netherlands  
<http://www.controlunion.com>  
tel.: +31(0)38-4260100

**CERTIFICATE OF COMPLIANCE**  
(Scope Certificate)

CERTIFICATE No: CU839985GRS-02.2017  
REGISTRATION No: CU 839985

Control Union Certifications declares that  
**Synnix Industries, INC.**  
29F, NO. 1082, Zhong Zheng Road, Taoyuan Dist.  
Taoyuan City  
TAIWAN

has been inspected and assessed according to the  
Global Recycled Standard (GRS)  
Version 3.0  
and that products of the categories as mentioned below (and further specified in the annex) comply with this standard:  
**Fabrics**

Processing steps / activities carried out under responsibility of the above mentioned company (by the operations as detailed in the annex) for certified products  
**Dyeing, Finishing, Sizing, Trading, Weaving**

**This certificate is Valid until: 09 February 2018**

Place and date of issue:  
Colombo-07, 06 April 2017

Stamp of the issuing body

Standard's Logo

Name of authorised person

On behalf of the Managing Director  
Miss H.M.U.K. Herath  
Certifier

This certificate cannot be used as a transaction certificate.  
The issuing body can withdraw this certificate before it expires if the declared compliance is no longer guaranteed.

Certificate of Compliance, Page 1 of 4

## 2016

- Contributing to Conserve Resources and Tackle Climate Changes, ISO 50001 is implemented to achieve continual improvement of energy performance, including energy efficiency, energy use and consumption, so as to reduce energy costs and the greenhouse gas emissions.



# bsi.



## Certificate of Registration

ENERGY MANAGEMENT SYSTEM - ISO 50001:2011

This is to certify that: Synnix Industries, Inc.  
No.196 Quio Tou Str.  
Lu Zhu Dist.  
Taoyuan City  
33849  
Taiwan

州霖股份有限公司  
臺灣  
桃園市  
蘆竹區  
山腳里橋頭街196號  
33849

Holds Certificate No: **ENMS 661805**

and operates an Energy Management System which complies with the requirements of ISO 50001:2011 for the following scope:

The dyeing and finishing on assorted functional textiles.

For and on behalf of BSI:

  
Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 01/11/2016  
Latest Revision Date: 01/11/2016

Effective Date: 01/11/2016  
Expiry Date: 31/10/2019

Page: 1 of 2



...making excellence a habit.™

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.  
An electronic certificate can be authenticated [online](#).  
Printed copies can be validated at [www.bsi-global.com/ClientDirectory](http://www.bsi-global.com/ClientDirectory) or telephone +886 (02)2656-0333.

Taiwan Headquarters: 5th Floor, No.39, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.  
A Member of the BSI Group of Companies.

1. *Synnix* Pro Shell
2. *Synnix* Performance Shell
3. *Synnix* Soft Shell
4. *Synnix* Hard Shell
5. *Synnix* Down Shell
6. *Synnix* Light Shell
7. *Synnix* Clima Shell
8. *Synnix* Comfort





**WINDPROOF**



**WATERPROOF**



**BREATHABLE**



**WATER REPELLENT**



**STRETCHABLE**



**DOWN PROOF**



**WIND RESISTANT**



**WATER RESISTANT**



**WICKING**



**WARMTH RETAINING**



**ANTI-UV**

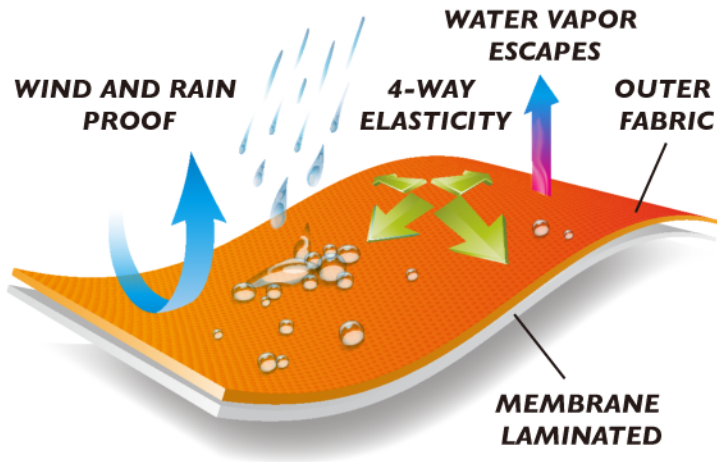


**ANTIBACTERIAL**



*synnix*  
**Pro Shell**

**FUNCTIONAL PROPERTIES**



- ★ **Synnix Pro Shell** is a perfect combination of comfort and high-tech properties that comes with 2 to 2.5 layers of lamination
- ★ **Synnix Pro Shell** is an ideal light-weight fabric that provides excellent hand feel and offers waterproof, breathable, and water repellent properties
- ★ **Synnix Pro Shell** is a perfect choice for outdoor activities in extreme weather conditions such as ski touring, snowshoeing, snowboarding, and other extreme sports

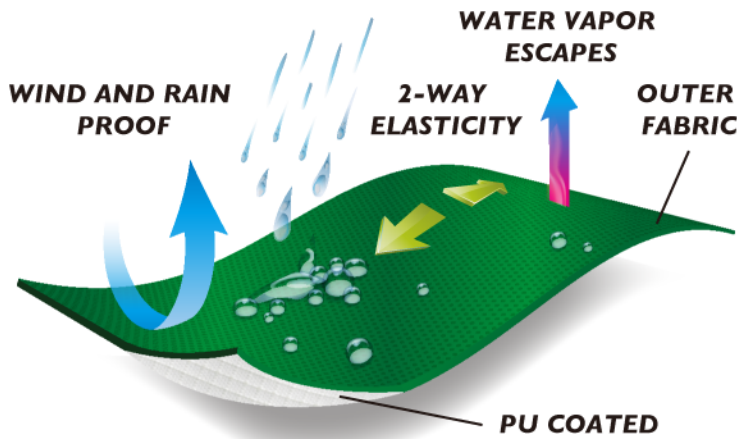
**WATER REPELLENCY**

<b>Class 1</b> (C6/C0)	<b>Class 2</b> (C6/C0)	<b>Class 3</b> (C6)
<b>80/20</b>	<b>80/10</b>	<b>80/05</b>



*synnix*  
**Performance Shell**

**FUNCTIONAL PROPERTIES**



★ **Synnix Performance Shell** is a PU coated, cired, and special processed fabric that keeps warm and dry with its excellent performance

★ **Synnix Performance Shell** is an excellent material for ski, snow, and various outdoor activities that require proper protection

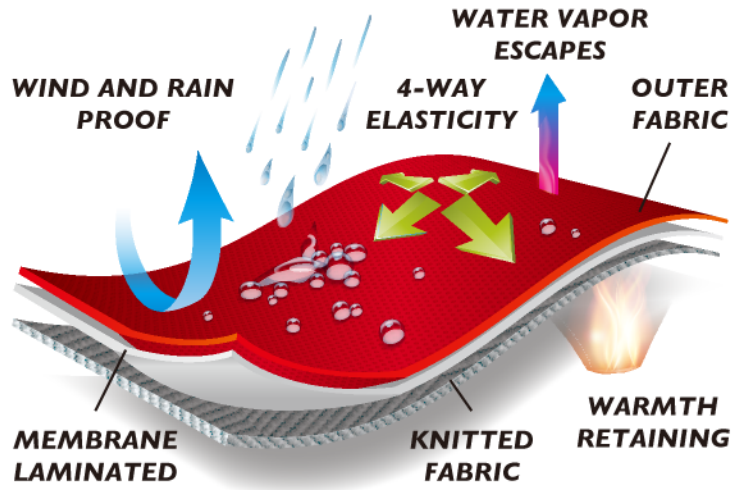
**WATER REPELLENCY**

<b>Class 1</b> (C6/C0)	<b>Class 2</b> (C6/C0)	<b>Class 3</b> (C6)
<b>80/20</b>	<b>80/10</b>	<b>80/05</b>



*synnix*  
**Soft Shell**

**FUNCTIONAL PROPERTIES**



**Synnix Soft Shell** is a breathable fabric retaining warmth and dryness that comes in 2 or 3 to 3.5 layers...

- ★ The **2-layer** (woven face bonded with knitted back) fabric offers the maximum wind and water resistance
- ★ The **3-layer** (woven face laminated with PU film and bonded with knitted back) fabric decently provides windproof, waterproof, and breathable properties

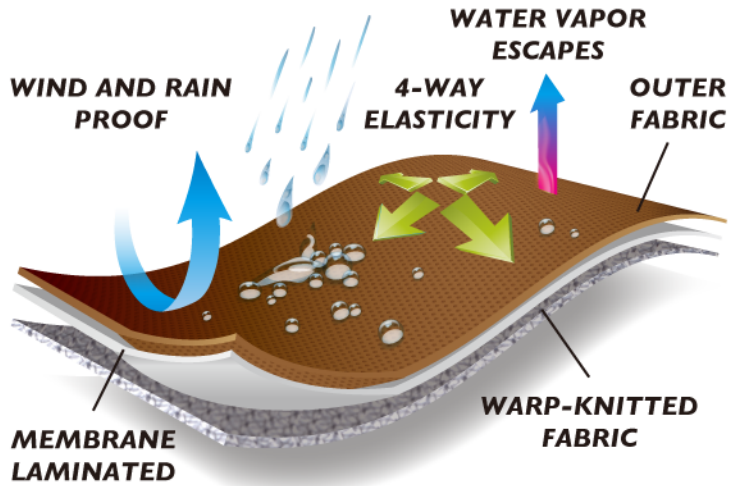
**WATER REPELLENCY**

<b>Class 1</b> (C6/C0)	<b>Class 2</b> (C6/C0)	<b>Class 3</b> (C6)
<b>80/20</b>	<b>80/10</b>	<b>80/05</b>



**synnix**  
**Hard Shell**

**FUNCTIONAL PROPERTIES**



**WATER REPELLENCY**

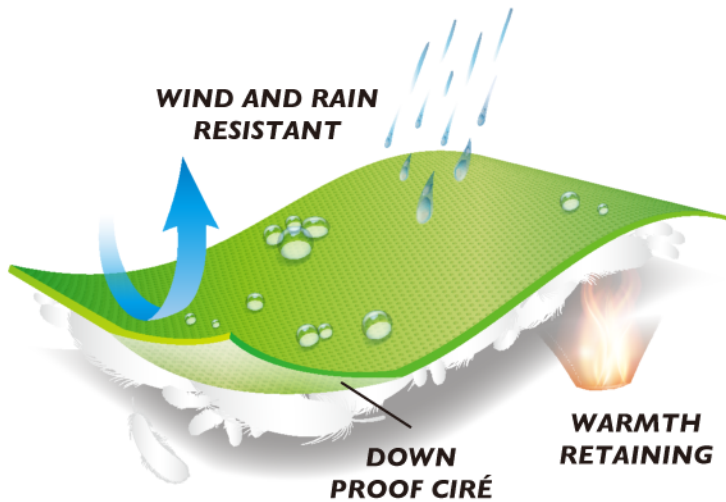
Class 1 (C6/C0)	Class 2 (C6/C0)	Class 3 (C6)
80/20	80/10	80/05

- ★ **Synnix Hard Shell** brings ultimate comfort and excellent strength protection through its waterproof, windproof, and breathable properties
- ★ **Synnix Hard Shell's** Tricot lamination shields you from some of the worst and most extreme conditions



## FUNCTIONAL PROPERTIES

**synnix**  
**Down Shell**

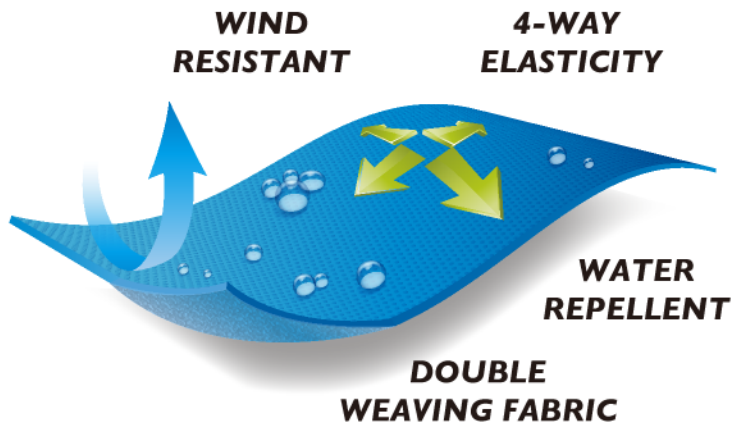


- ★ **Synnix Down Shell** is a combination of fine denier and high density with water repelling and warmth retaining characteristics that makes an excellent down proof and high performance fabric
- ★ **Synnix Down Shell** is a treated and/or other special finished fabric perfect for down jackets



**synnix**  
**Light Shell**

**FUNCTIONAL PROPERTIES**



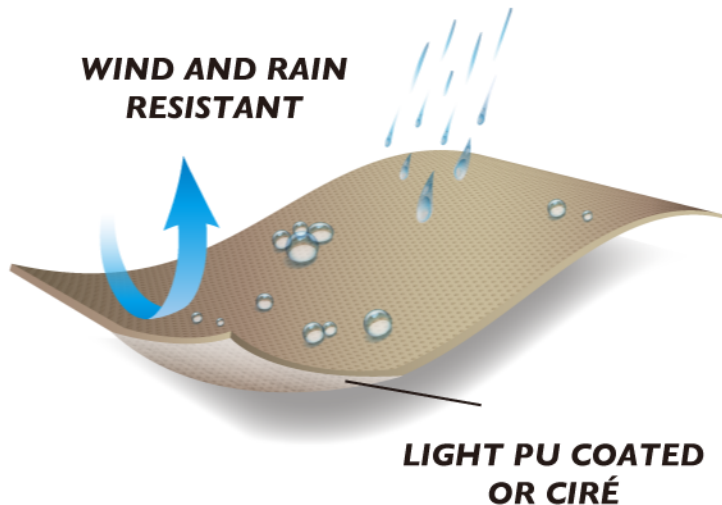
★ **Synnix Light Shell** is a double weaving 4-way or 2-way stretch fabric that maximizes the protection through its water repellent property as well as its water and wind resistant benefits

Test Method	Class 1	Class 2	Class 3
Wind Resistant Test <b>ASTM D737</b> (cfm)	1~10	11~20	21~30
Rainwear Test <b>AATCC 35</b>	Pass		



**synnix**  
**Clima Shell**

## FUNCTIONAL PROPERTIES

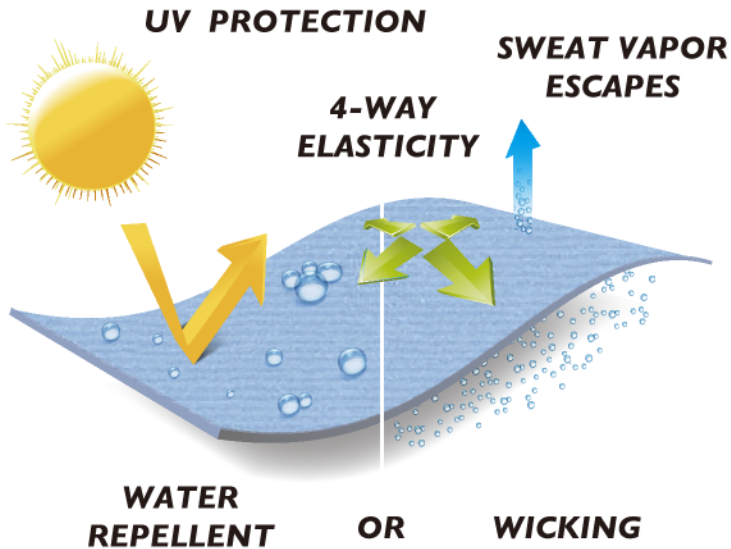


- ★ **Synnix Clima Shell** is an ideal high density fabric with special cired finishing that provides extra light-weight and excellent water repellent properties together with water and wind resistant characteristics
- ★ **Synnix Clima Shell** is an ideal material for cycling outerwear as well as other outdoor activity garments





**FUNCTIONAL PROPERTIES**



- ★ **Synnix Comfort** is a functional fabric developed for leisure and sportswear that is light-weight and extremely comfortable
- ★ With wicking, water repellent, anti-UV, and antibacterial properties, **Synnix Comfort** is an ideal fabric for various outdoor activities under different weather conditions
- ★ **Synnix Comfort** is a versatile fabric with excellent hand feel that combines exceptional elasticity or non-elasticity

# Our Clients



BOGNER



reima®



# Our Clients



ORIGINALS

# Our Clients



# THE TEXTILE PEOPLE

## **SYNNIX INDUSTRIES, INC.**

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Main Factory :

T. 886-3-3244226 / F. 886-3-3245311

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



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