



Innovate · Infinite

# COMPANY INTRODUCTION

## XYX Materials

Eco X Tech X System



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Part.

# 1

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Who We Are

# 1.1 WHO WE ARE



XYX Materials has more than 20 years of technical textiles' research and development and production experience in the fields of medical and personal care, sportswear, protective equipment, military and electronic industries.



By establishing world-class vertical integration facilities, we officially launched a new exploration in the fields of underwear, fashion sports, outdoor, providing global brands with multi-scenario technical solutions, enabling the brand to lead the market and create a satisfying experience for consumers.



XYX adheres to the concept of low-carbon environmental protection, digital intelligent manufacturing, and technology leadership, and is committed to building a global textile manufacturing index in the next generation.



# 1.2 HIGH GAUGE ELASTIC ECO-TECH FABRIC EXPERT



## XYX Materials Co.,Ltd.

Located in Green Textile Industry Park of Kemeng Port in Lianjiang, Fuzhou, it is a key project for the high-quality development of modern textile industry in Fujian Province. With a construction area of 60,000

### Eco

Bio-based materials: Use of degradable materials  
Energy-saving and consumption reduction  
Production process: Use of low-carbon and green electricity

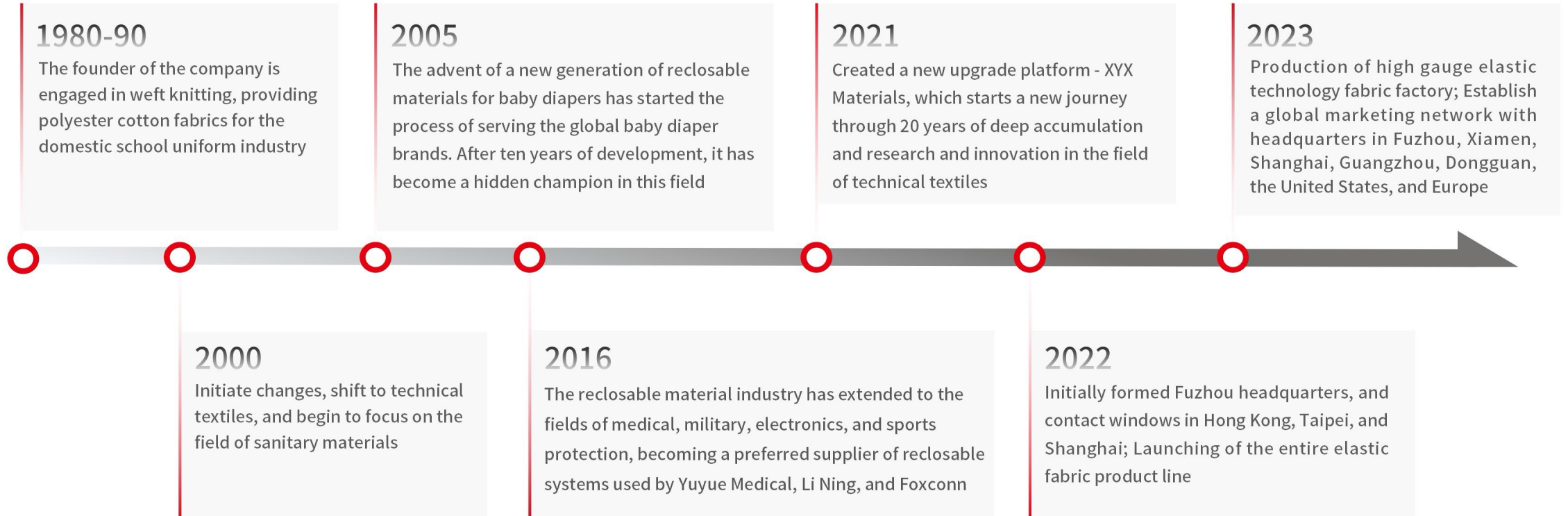
### Tech

Continuous innovation in black technology  
Production of global diaper adhesive tape fabric pieces  
Production of various function fabrics; Expert in reclosable systems

### System

Solution: Providing system solutions with high quality and high added value; empowering customers

# 1.3 HISTORY



Part.

# 2

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What We Offer



# 2.1 COMPLEMENTARY SERVICES



Complete chain of high-value category products



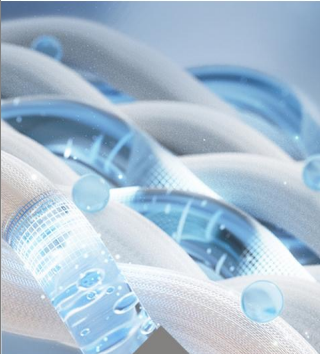



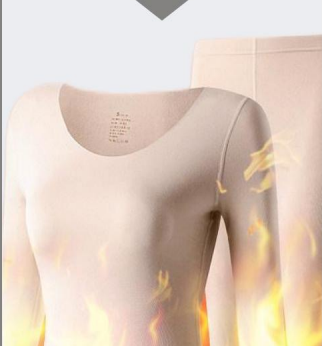



Professional technical collaborative solutions



Textile fashion trends and market research

# | 2.2 PRODUCT LINE

	<p><b>Sports</b> Dry, spacious, stretchy and breathable</p> 	<p><b>Antimicrobial</b> Antibiosis, deodorization, moisture absorption and quick drying</p> 	<p><b>Warm</b> Keep warm, skin-friendly and soft</p> 	<p><b>Protection</b> Moisture, nourish and wrinkle free</p> 
<p><b>Lingerie</b> soft, comfortable, harmony and care</p> 	<p><b>Environment</b> Recycle, low-carbon and responsibility</p> 	<p><b>Cool</b> Fresh, light, thin and Pendulous</p> 	<p><b>Cotton feel</b> Cotton feel textile, weaving and finishing</p> 	

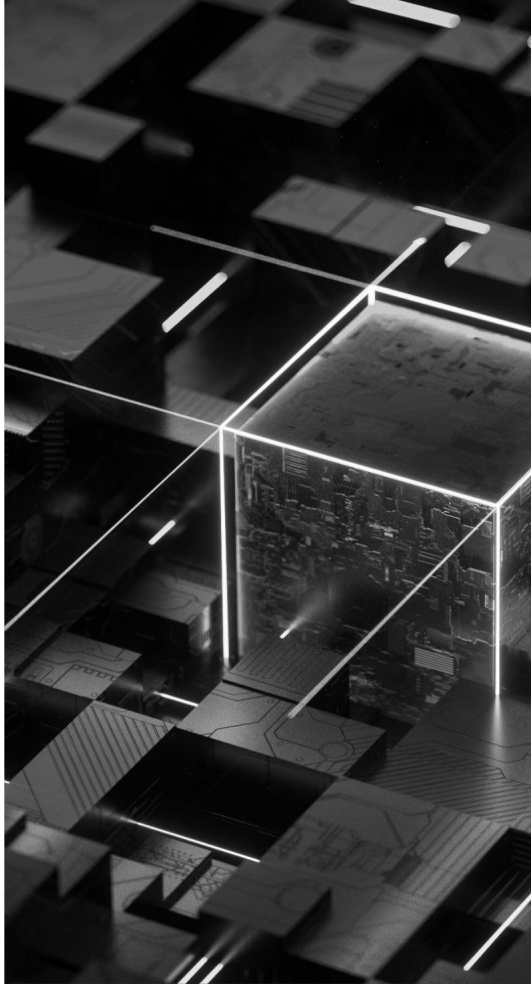
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03

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**Why Choose Us**





**3.1 Smart Plant**



**3.2 Production Capacity**

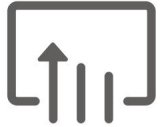


**3.3 Quality System**



**3.4 Innovation**

# | 3.1 SMART PLANT



INTELLIGENCE SYSTEM



ADVANCED DEVICE



NETWORK HARDWARE

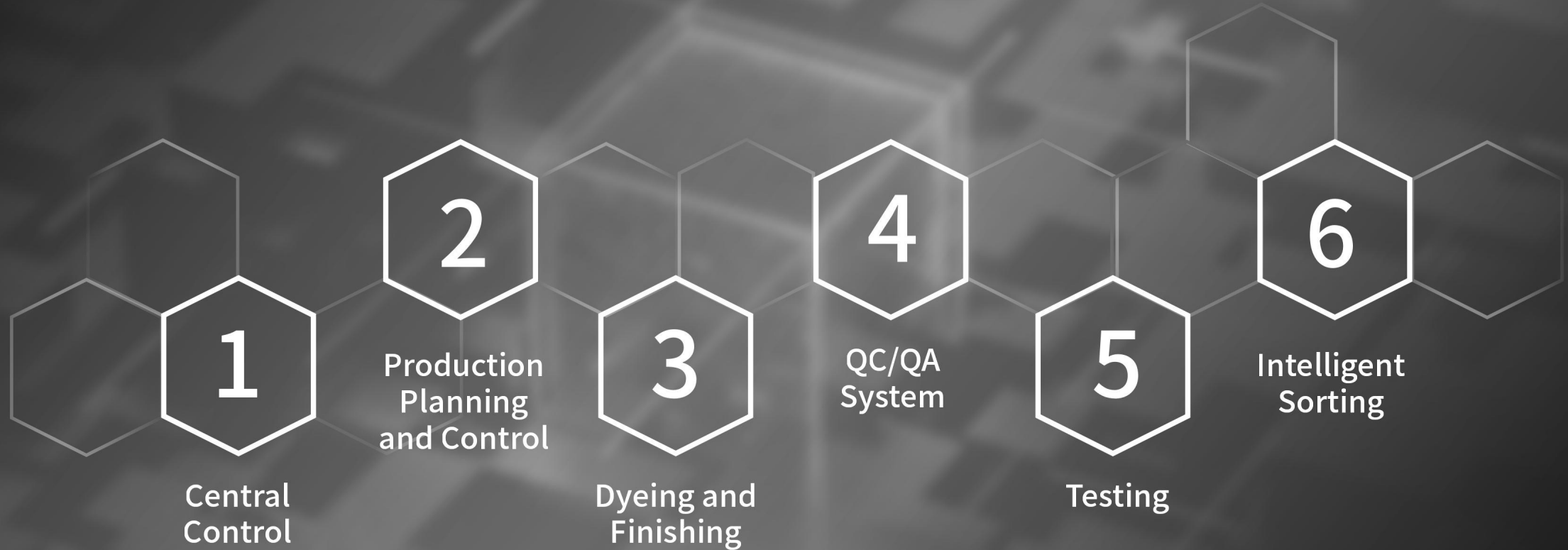


RENEWABLE ENERGY





# 3.1.1 INTELLIGENCE SYSTEM





## 3.1.2 ADVANCED DEVICE

The project introduces the world's most advanced knitting, dyeing and finishing equipment and intelligent warehousing system to create a digital intelligent factory



### intelligent warehousing system:

- Datacolor color management system
- Italian Laver automatic feeding system
- German SETEX OrgaTex central control system
- Intelligent warehouse automatic sorting system

### The world's most advanced knitting, dyeing and finishing equipment:

- Karl Mayer warp knitting machines
- Taiwan brand weft knitting machines
- Taiwan Yaji(AK) dyeing machines
- Germany Thies warp shaft dyeing machines
- Monforts Finishing Machines
- High-efficiency energy-saving washing machines



## 3.1.3 NETWORK HARDWARE

The lab equipped with Taiwan Copower automatic dropping machine, which can quickly and accurately make samples. The whole plant is equipped with the latest photovoltaic power generation system to provide green and clean power energy.








## ■ 3.1.4 RENEWABLE ENERGY

From source management to terminal governance, the company deeply implements the concept of environmental protection and implements it in every production link. Practice low-carbon environmental protection and create a green economy.



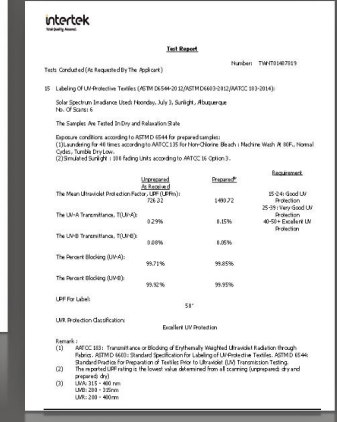
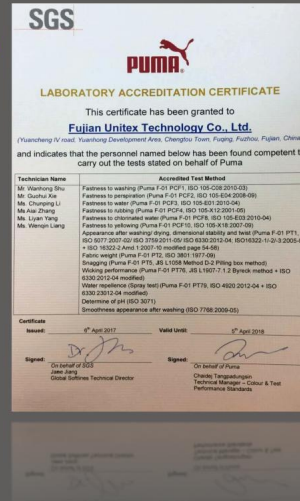


## 3.2 PRODUCTION CAPACITY

 category	 equipment	 output
<ul style="list-style-type: none"><li>• WARP KNITTING</li></ul>	Germany Tricot, Raschel Machine	<b>400T</b> /Month
<ul style="list-style-type: none"><li>• WEFT KNITTING</li></ul>	32-54 G Single Jersey, 32-50 G double face	<b>600T</b> /Month
<ul style="list-style-type: none"><li>• DIGITAL PRINT</li></ul>	/	<b>50KY</b> /Month

# 3.3 QUALITY SYSTEM

- ✓ Functional Materials
- ✓ Special dyeing assisters and helpers
- ✓ Knitting and dyeing process differentiation



- wicking
- waterproof
- anti-UV

- anti-microbial
- hygroscopic fever
- FIR

- dosorption heat
- cool-feeling
- luminous

- reflective
- heat discoloration
- soil release

# 3.4 INNOVATION

Professional R&D center × School-enterprise project × Sustainable development mission



## Dope dyeing

Processing and production by dyeing fibers; save energy, short lead-time, and reduce carbon dioxide content



## Green fiber

Use recycled yarns for polyester (physical/chemical), nylon, and cotton fibers with GRS certification



## Biological base

Antibacterial Chitin, and polylactic is extracted from soybean and corn stalks; make clothing functional and natural comfort



## Degradable material

In the research and development of new materials, the fiber components degrade quickly; originating from technology, returning to nature



Part.

4

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Cooperation

# 4.1 SYNERGY



## Supply Chain

Functional yarn R&D - Knitting and dyeing process (fabric) - Clothing design - Fashion trend ready-to-wear solutions



## Quarterly Innovation Trends

Guidance from the National Center for Fashion Trend Research, quarterly release of trend atlases combining brand and market information



## Technical Proposal

Utilize the strong technical strength of collaborative enterprises to conduct product process, control and suggestions; Provide integrated supply chain management and control solutions

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