

WENSFASHION

2027 SS



# Moisture-Wicking Quick-Dry Fabric

FABRIC TREND

# Trend Forecast

This moisture-wicking fabric trend report focuses on usage scenarios,exploring how additional functionalities and textures of fabrics become the core of this season's moisture-wicking fabric development. Meanwhile,the report analyzes technological trends,pointing out that yarn-based moisture-**wicking functionality** has become mainstream.

Based on research into relevant brands and market surveys,this report provides a multidimensional interpretation,detailing the key development trends for knit and woven moisture-wicking fabrics in Spring/Summer 2027 from aspects such as functional preferences,material trends, fabric textures,and application.



1 Scenario Demand



2 Material Trends



3 Texture & Item



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## Part 1.Scenario Demand

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# Scenario Demand

## ★ Professional Outdoor



Hiking | Cycling | Stream Trekking & Fishing | Trail Running

### Key Pieces:

Moisture-wicking base layer, skin shirt, cycling pants

### Applied Technologies:

Yarn-based moisture-wicking and quick-dry

## ★ Daily Exercise

Cross Training | Urban Night Running | Court Activities

### Key Pieces:

Quick-dry shirts, skin shirts, sport jerseys, yoga wear

### Applied Technologies:

Yarn-based moisture-wicking and quick-dry, moisture-wicking and quick-dry additives



## ★ Casual Commute



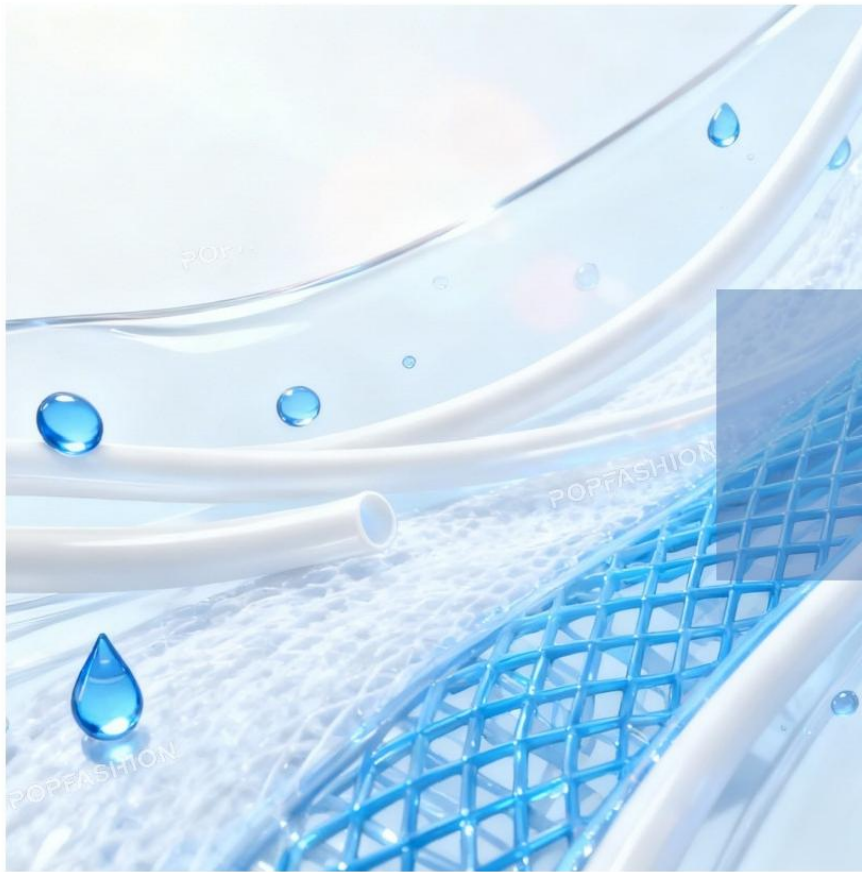
### Key Pieces:

Shirts, T-shirts, lightweight outerwear

### Applied Technologies:

Yarn-based moisture-wicking and quick-dry, moisture-wicking and quick-dry additives

Daily Office Work | Suburban Leisure | Short Business Trips



## Part 2. Material Trends

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# 1 Moisture-Wicking Fast-Dry Fabric Material Trends



## Moisture-wicking,sweat-control,antibacterial polyamide 6 fiber

### Technology Overview:

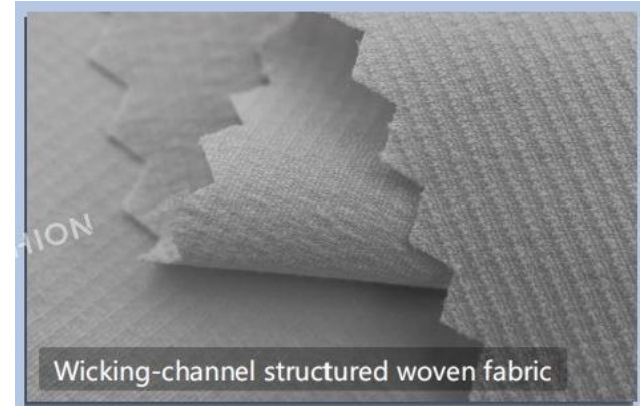
**1.Recommendation Reasons:** Through modification treatment and process optimization of polyamide 6 fibers,core functionalities such as moisture absorption,sweat release,and antibacterial properties are integrated,while maintaining the inherent advantages of high strength and excellent abrasion resistance of polyamide 6 fibers.This makes it suitable forvarious applications including sportswear,outdoor commuting apparel,and home textiles.

**2.Key Technology:** The specially shaped cross-section creates additional grooves and pores on the fiber surface.These structures utilize capillary action to rapidly absorb sweat from the skin surface,transport it to the outer layer of the fabric, and then quickly evaporate through fabric pores,preventing sticky discomfort caused by sweat retention.

### Application Guidelines:

**1.Spinning &Dyeing Finishing:** Follow standard polyamide 6 fiber processing methods

95s





### Hydrophilic Quick-Dry Special-Shaped Polyester Fiber

#### Technology Introduction:

1. Recommendation Reasons: Hydrophilic quick-dry special-shaped polyester fiber has high moisture regain, excellent hydrophilicity, and anti-static properties.

2. Key Technology: Fabrics made from special-shaped fibers are soft, wrinkle-resistant, exhibit outstanding moisture-wicking and quick-drying performance, and have an evaporation rate as high as 0.53 (standard requirement  $\geq 0.20$ ). Suitable for sportswear and casual clothing.

#### Application Guidelines:

1. **Spinning & Dyeing Finishing:** It is recommended that the fiber content accounts for more than 30% of the total fabric composition; pre-treatment such as relaxation heat setting should be carried out before blending according to actual usage conditions; dyeing temperature should be controlled between 100-130 °C, pH value should be controlled at 4-5; during finishing, setting temperature is recommended not to exceed 180 °C

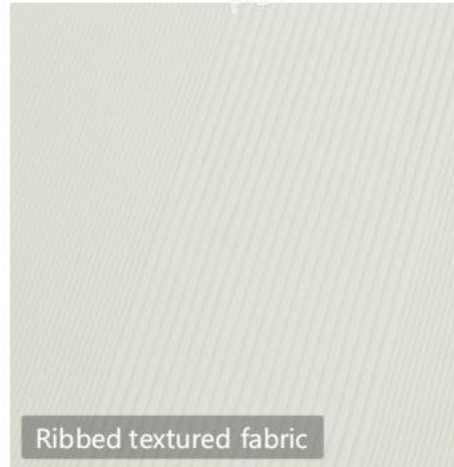
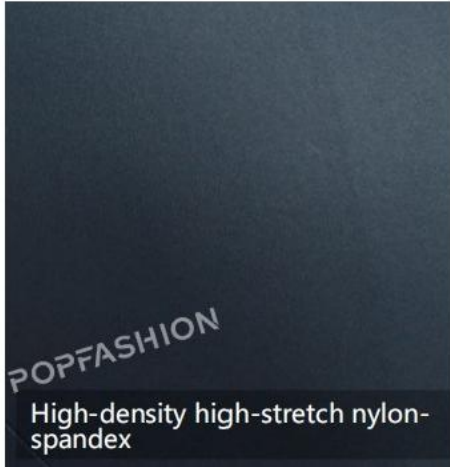


## PART 03.Texture &Item Recommendation

Analyze fabric texture trends and item design trends in corresponding scenarios based on different application scenarios.

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## Professional Outdoor--Knitted Fabric



### Recommended Fabric:

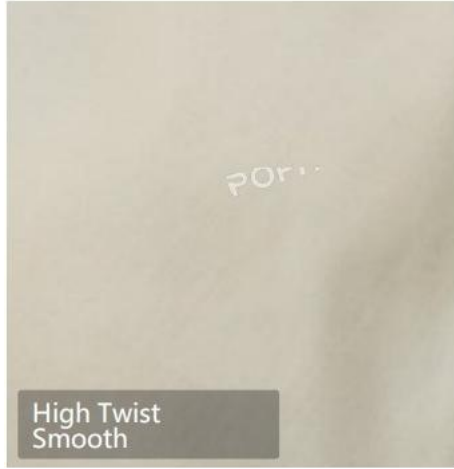
Smooth texture with lightweight and highly stretchy hand feel

### Process Recommendation:

Use moisture-absorbing and quick-drying yarn jacquard technology to create fast moisture-wicking structures. Can be combined with cool-touch or antibacterial yarns for multi-functional fabric development

### Relevant for:

Cycling wear, mountaineering apparel, jersey, yoga wear, etc.



#### Recommended Fabric:

Recommended high-twist polyester or nylon for anti-s snag development, with smooth and slight wrinkle textures as the main focus

#### Process Recommendation:

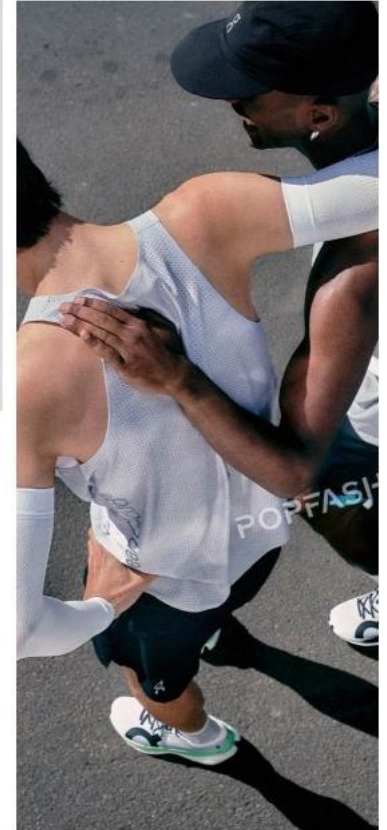
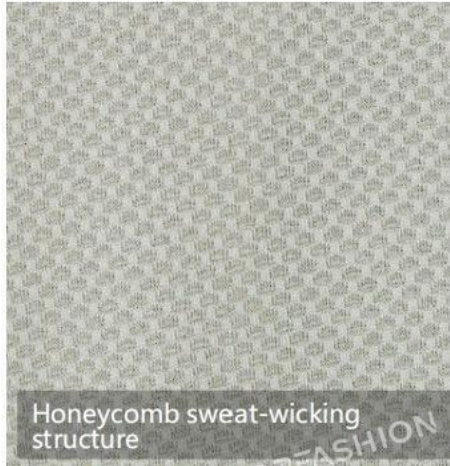
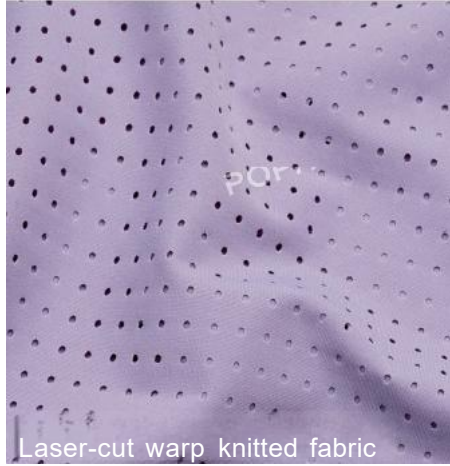
Moisture-wicking and quick-drying+UV-protective yarn, combined with C6 water-repellent function

#### Silhouette Development Direction:

Softshells, skin jackets, pants

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## Daily Exercise--Knitted Fabric



### Recommended Fabric:

Moisture-wicking polyester and eco-friendly fibers such as Sorona to develop lightweight, highly elastic cotton-like fabrics

### Process Recommendation:

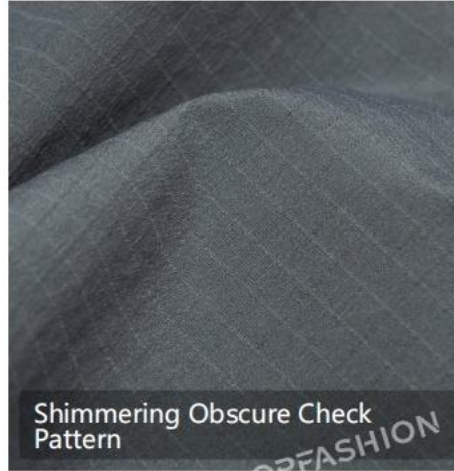
Inherently moisture-wicking yarns, recommended **with cooling and antibacterial functions**

### Relevant for:

Tank tops, training wear, T-shirts, running pants, polo shirts

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## Daily Exercise--Woven Fabric



### Recommended Fabric:

Focus on ultra-fine 7D polyester fabric, combined with moisture-wicking finishing agents to create lightweight products

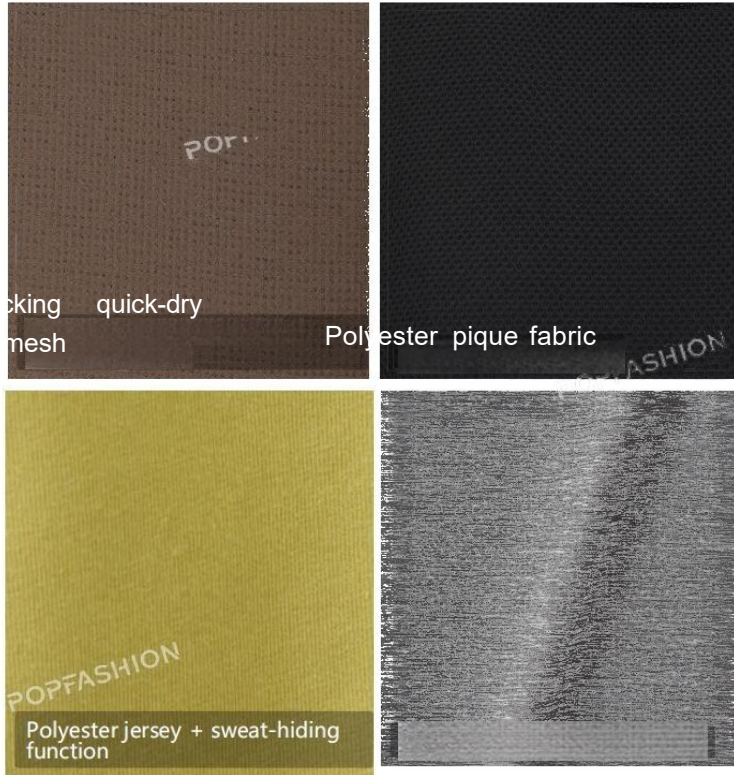
### Process Recommendation:

Yarn-dyed moisture-wicking, moisture-wicking finishing agents, combined with sun protection and water-repellent functions

### Relevant for:

Skin shirts, sunscreen clothing, jersey, running wear

## Casual Commute--Knitted Fabric



### Recommended Fabrics:

Moisture-wicking structure, pique fabric, interlock

### Process Recommendation:

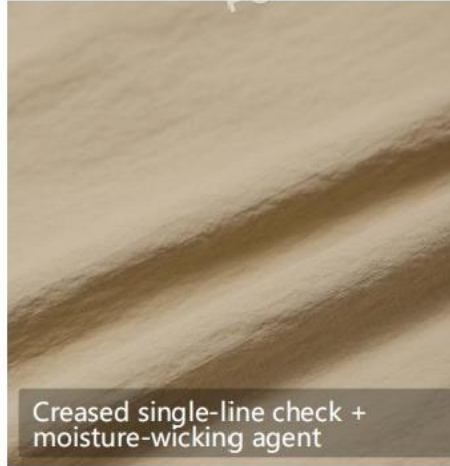
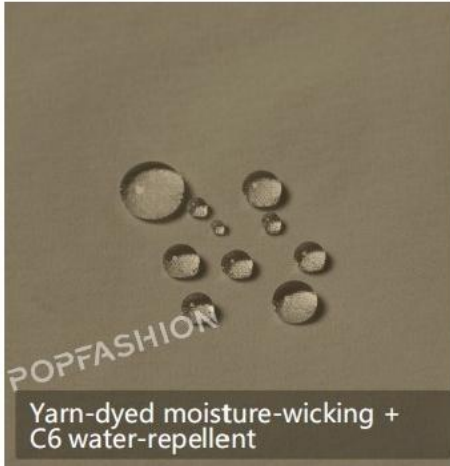
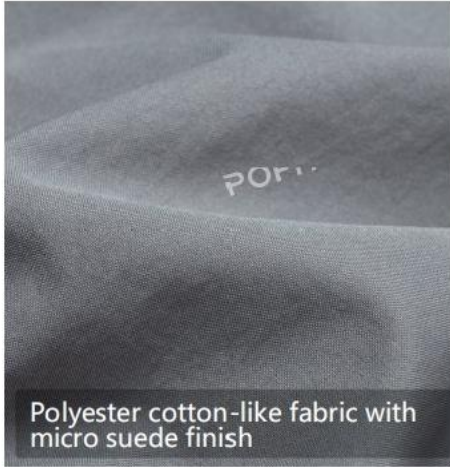
Moisture-wicking raw yarn combined with cooling, sweat-hiding and other functions

### Relevant for:

Polo shirts, T-shirts, base layers

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## Casual Commute--Woven Fabric



### Recommended Fabrics:

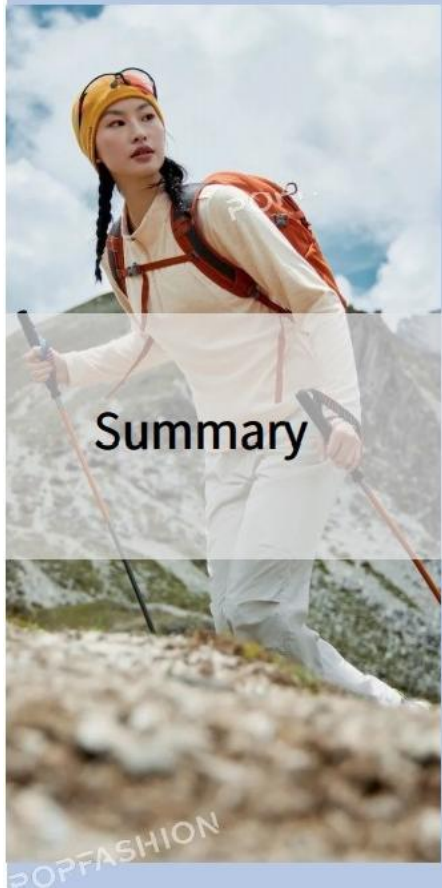
Polyester cotton-like, high twist yarn with smooth and snag-resistant surface, micro-pleated single-line check

### Process Recommendation:

Primarily recommend yarn-dyed moisture-wicking; alternatively use moisture-wicking agents. It is recommended to combine water-repellent and sun-protection functions

### Relevant for:

Casual shirts, hooded jackets, trench coats, pants



## • Recommended Materials

**Professional Outdoor:**Raw yarn with moisture-wicking and quick-drying properties+protective functions(waterproof, windproof)

**Daily Exercise:**Raw yarn with moisture-wicking and quick-drying properties +comfort and usability functions(anti-bacterial, cool-touch)

**Leisure Commute:**UV-protective raw yarn or coating-based UV protection + comfort and usability functions

## • Style Texture

1. **Professional Outdoor:** Snag-resistant smooth texture, or anti-tearing grid texture
2. **Daily Exercise:** Mainly micro-textured surface, recommended to develop semi-sheer fabric using ultra-fine 7D yarn
3. **Casual Commute:** Mainly lightweight sheer/slightly wrinkled base fabric, can be combined with various jacquard and printing techniques

## • Development Highlights

1. **Expanded application scenarios:** Consumer preference for moisture-wicking and quick-drying functionality is shifting from professional sports to everyday wear.
2. **Multi-functional combinations**  
**Combining moisture-wicking and quick-drying with sun protection, cool-touch, antibacterial, and other functions.**



## About Us.

- WENS FASHION founded in year 2007 ,is a leading international trading company with a rich history and a global footprint.We offer One-stop Purchase Services including marketresearch,OEM/ODM service,product sourcing, logistics,customs clearance, and post-sales support. Our team of experienced professionals is dedicated to providing personalized attention and tailored solutions to meet the unique needs of each client.
- **Fashion trend:**Meanwhile, we continuously increase investment in research and development, introduce advanced production technologies and design concepts, and keep our products always at the forefront of fashion.
- **Environmental protection concept:**We also attach great importance to environmental protection and sustainable development, actively adopt sustainable and recycled materials, and actively promote green production and the implementation of social responsibilities.