



PINTEREST

# Hyaluronic acid knitwear

### 1. Dry and skin-friendly

Porous cotton fiber is natural and comfortable, keeping skin dry without static electricity. Multi-strand intertwining makes the yarn more compact, bringing high-quality cloth texture, anti-penetration effect and warm and soft touch.

### 2. Natural environmental protection

The fabric is soft in color, breathable, moisture-absorbing and sweat-wicking, ensuring a natural comfort for sensitive skin. Hyaluronic acid and cotton fiber are pure and safe, which can be used safely by infants.

### 3. Innovative Application of Hyaluronic Acid-Knitting

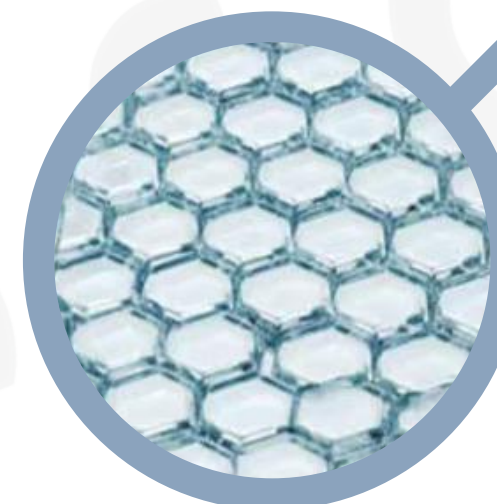
Hyaluronic acid is commonly used in beauty and skin care products. With the breakthrough technology of YARNS&COLORS, hyaluronic acid is incorporated into yarns, which makes knitwear give skin a delicate surface, lock and replenish water, and reduce the evaporation of water inside the skin.

## Hyaluronic acid knitting without injection

CS2266/CS2335

4/101NM

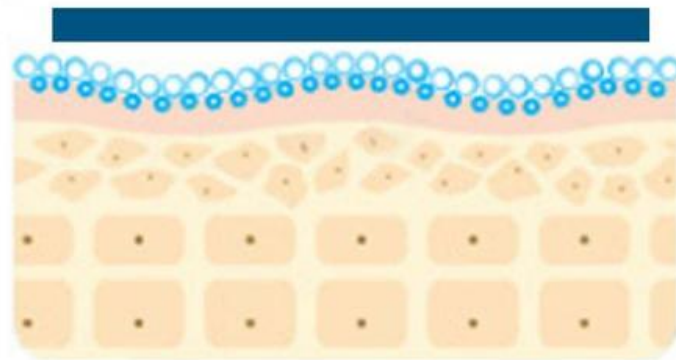
100% COTTON



# Moisturizing principle of hyaluronic acid cotton yarn formation

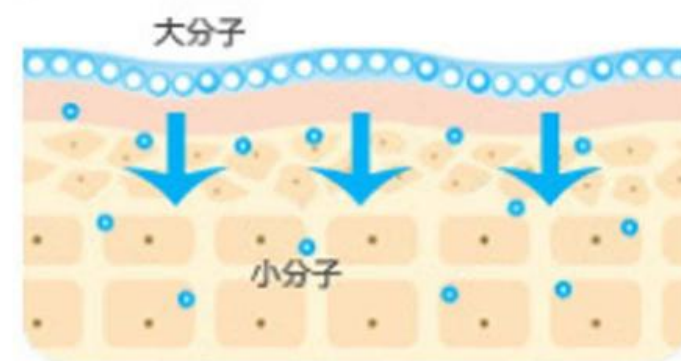
- French's new sustained release technology of hyaluronic acid microcapsules is used to attach to the yarn pores. When the skin rubs against the fabric, hyaluronic acid molecules will be released into the skin, forming a breathable, water-fat protective film on the skin surface, which can effectively lock the skin water content, block pollution, soften the stratum corneum, promote the supply of nutrients and the excretion of useless metabolites, and protect skin, keeping it young and moisturized.

1 STEP



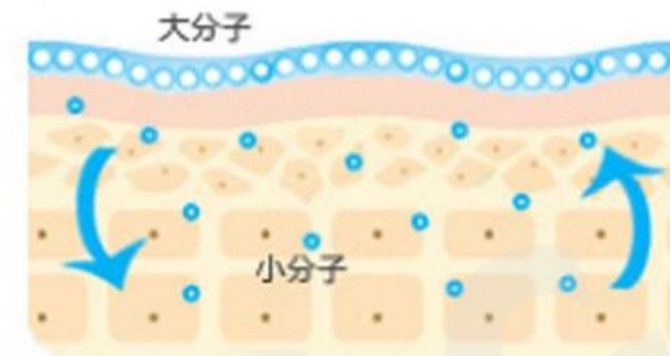
Hyaluronic acid molecules are released after the fabric rubs against the skin

2 STEP



Macromolecular hyaluronic acid forms a water-containing film, which plays a role in blocking pollution and locking skin moisture

3 STEP



The collision of large and small molecules naturally forms a water circulation system to moisturize the skin

# Hyaluronic acid cotton yarn function

- It has the functions of moisturizing, wrinkle removing and filling, and is the best moisturizing substance found in nature.
- Moisturizing
- Nutritive skin
- Protect and repair skin damage
- Anti-Aging
- Create a lubricant skin feel

Hyaluronic acid's natural nourishing ingredients keep skin balanced

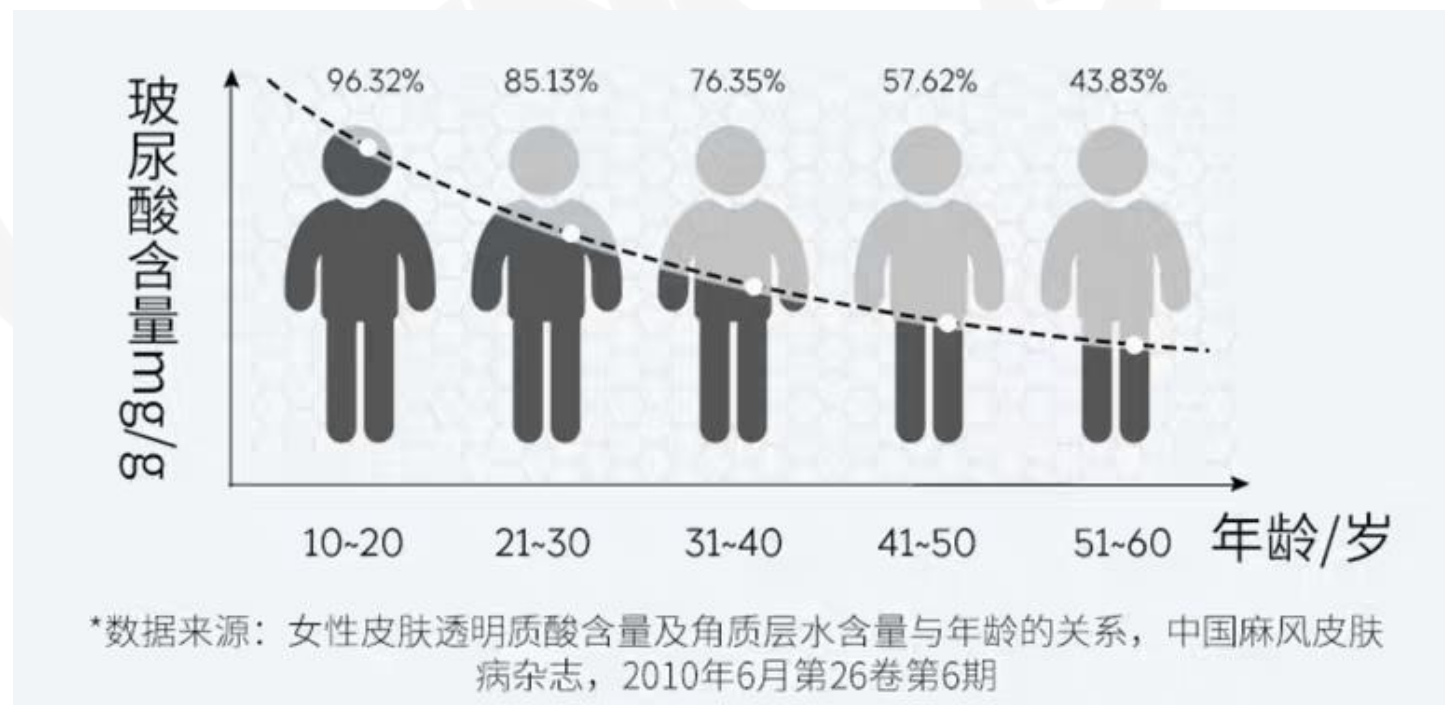
- Moisturizing factors
- Maintain water-oil balance and improve water retention
- Make skin moist and energetic



Small molecular hyaluronic acid can carry more than 500 times of water

# Hyaluronic acid cotton yarn makes skin hydrated

## Hyaluronic acid is lost with age



- New black technology for maintaining the skin worn on the body.
- 1g hyaluronic acid can absorb 500ml of water and moisturize the skin all day long
- The effective content of hyaluronic acid in textiles is equivalent to 3500 masks, which can effectively supplement the human body's demand for hyaluronic acid and promote skin fullness and elasticity.
- Whether it is home textiles or knitted garments, the treated fabrics will not irritate skin, meet the requirements of environmental protection, and are safe without any side effects.

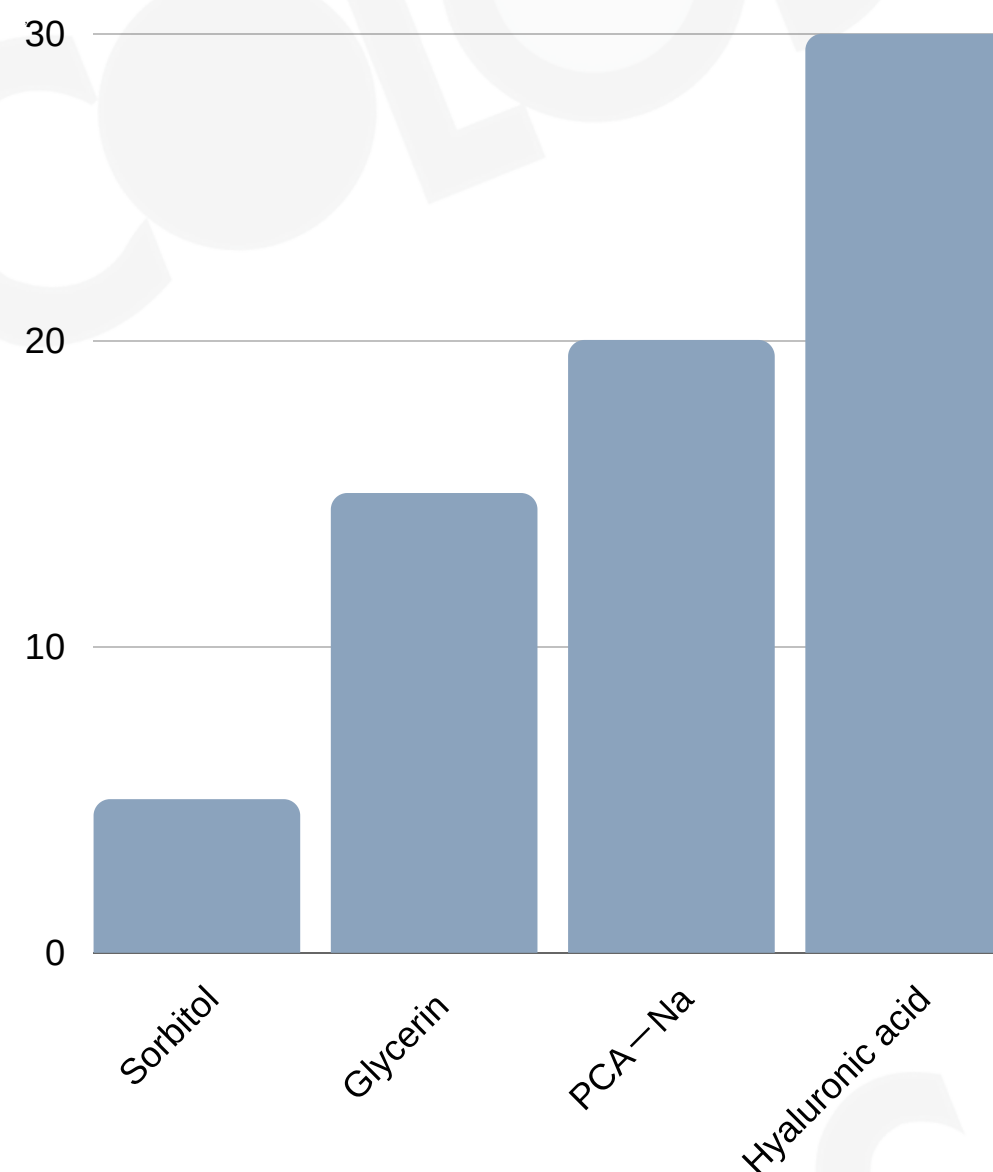
# Intelligent moisturizing

## High water affinity

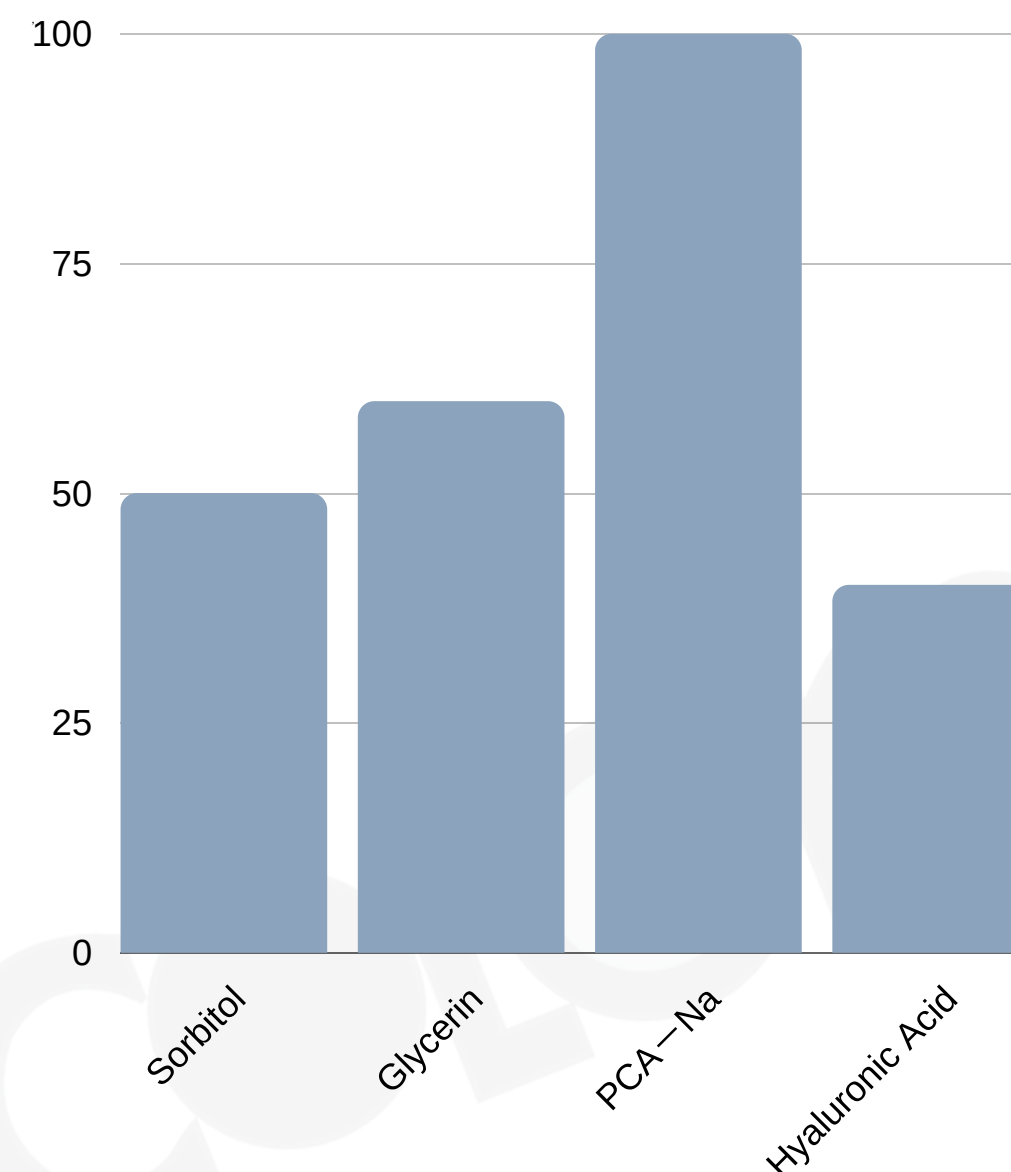
- One molecule of hyaluronic acid can firmly lock in more than 1000 times its own weight.

## Intelligent moisturizing

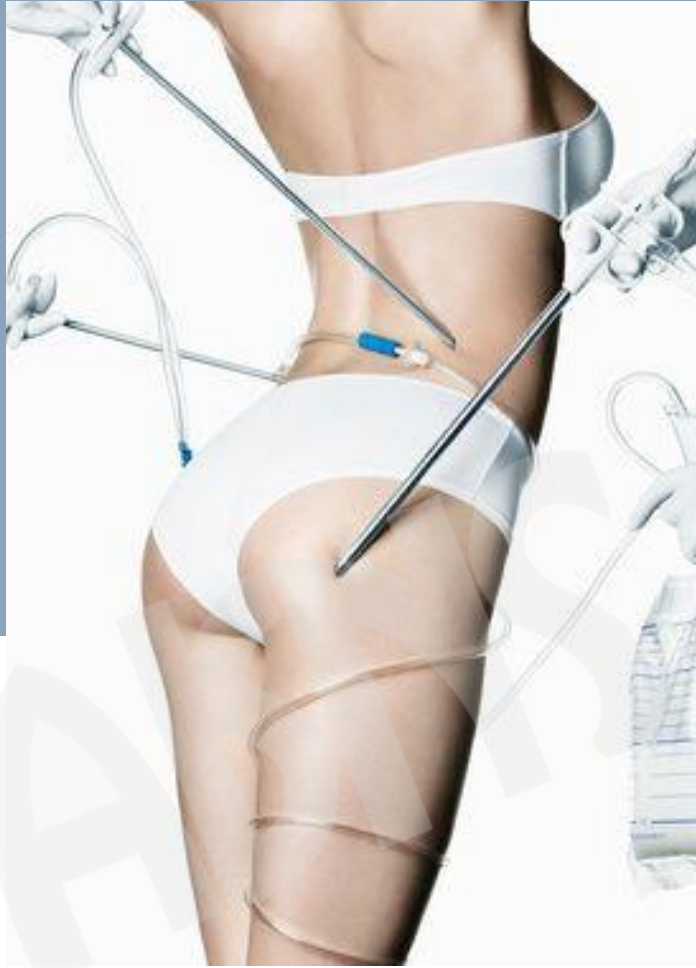
- The moisture absorption is the highest in low relative humidity environment.
- The moisture absorption is the lowest in high relative humidity environment.
- Intelligent adjustment to ensure skin moisture.



Relative humidity  
is 33%



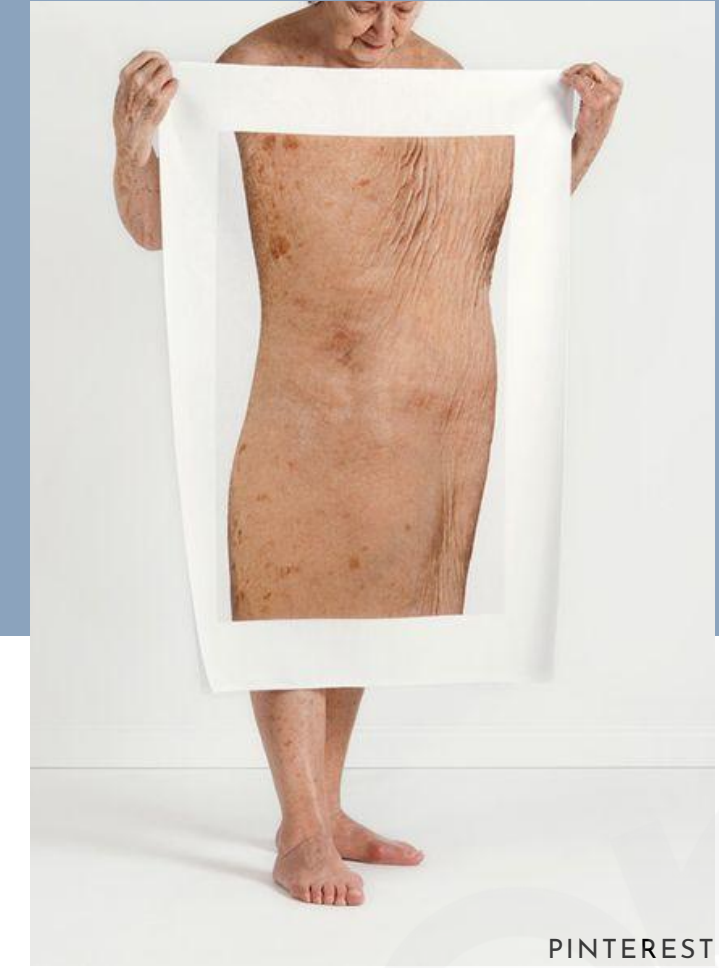
Relative humidity  
is 75%



Innovation



Beauty



PINTEREST

1. Hyaluronic acid cotton yarn can avoid the risks and complications caused by hyaluronic acid injection

2. Hyaluronic acid cotton yarn can relieve dry skin peeling

3. Hyaluronic acid cotton yarn can delay natural aging

Non-standard hyaluronic acid injection can cause vascular embolism, even blindness and skin necrosis. In particular, the use of inferior products can not be absorbed and hurt the body.

Dry skin/peeling skin/rough skin, which is in urgent need of water rescue.

Work stress, irregular work and rest, insomnia and dreams cause the loss of hyaluronic acid in the skin and accelerate skin aging.



Hyaluronic acid  
cotton knitted clothes make the  
moisturizing effect excellent  
A warm shirt/trousers



Underwear/bathing  
suit/pajamas



Knitted clothing  
Mask/eye mask/home  
textile

Soft

Health



# Determination of hyaluronic acid content

- The determination of hyaluronic acid in fabrics usually adopts **QB/T 4576-2013** method at present.
- Hyaluronic acid contains N-acetylglucosamine and glucuronic acid in equal molar ratio. Glucuronic acid can be decomposed by acidolysis of hyaluronic acid with sulfuric acid using borax as catalyst, and glucuronic acid reacts with carbazole to form an organic complex. The complex shows a special purple color, and its absorbance is proportional to the concentration of glucuronic acid. The content of hyaluronic acid can be determined by the content of glucuronic acid.
- The content of hyaluronic acid per KG is as high as **633.5mg**.



Test Report 报告  
测试报告

2020-04-28  
: SC20040109

结果:

透明质酸钠(玻尿酸)含量的测定  
测试标准: 参考QB/T 4576-2013

测试项目	结果 (mg/kg)
透明质酸钠(玻尿酸)含量	633.5

备注: 结果仅适用于客户提供的样品。

样品图片

\*\*\*\*\* 全文完 \*\*\*\*\*

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