



# **Cannabis textile project business writing copywriter**

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Harmony with  
 Nature  
**Cannabis**



# Living in Harmony with Nature..



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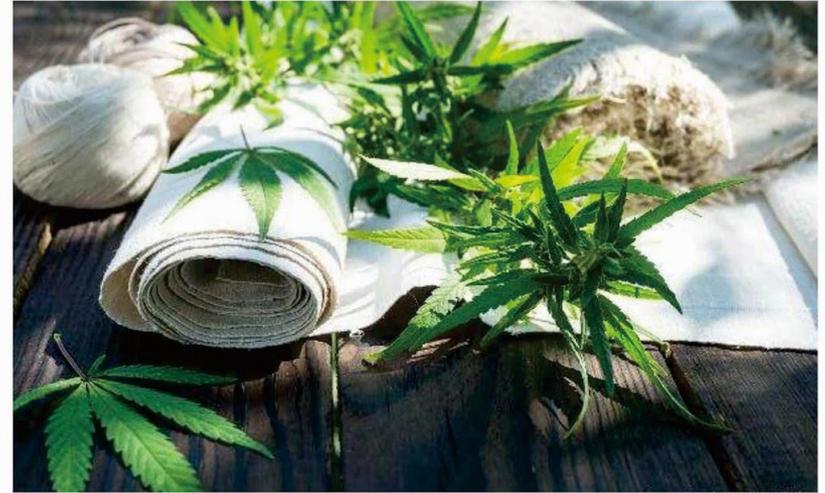
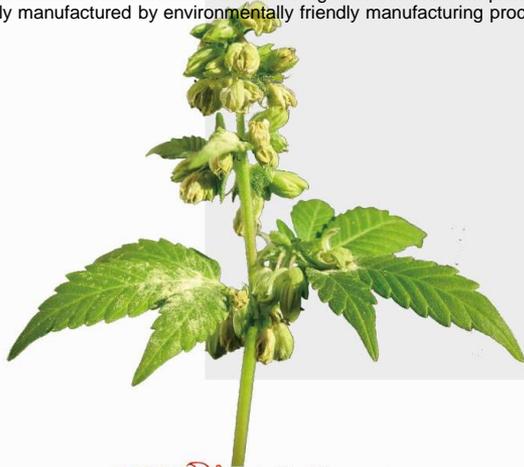
# CANNABIS™

## Harmony with Nature

Cannabis is known as the "King of Natural Fiber", and it is an important material for making clothes. Cannabis fiber is a high-value-added Cannabis fabric, which can not only change consumers' dressing habits but also fully meet their daily life needs. Moreover, in recent years, textile industry has realized key popularity among the users.

Cannabis brand Cannabis fiber is derived from nature and integrated into the natural ecology, which helps to maintain the ecological balance.

- ✦ Cannabis certified compost does not deplete the soil, adding rich organic matter to the topsoil and returning to nature.
- ✦ Cannabis can be used as a remediation exclusive agent to remove soil pollutants and heavy metal precipitation.
- ✦ Protect the soil from runoff; build and protect structures similar to the topsoil and subsoil of forests.
- ✦ Innovative fiber is recognized as an environmentally friendly cash crop with strong adaptability to the environment.
- ✦ Cannabis fiber grows organically and has a much lower carbon footprint than other fibers.
- ✦ It has been certified that Cannabis fiber is a long fiber derived from plant ecology and is more easily manufactured by environmentally friendly manufacturing processes.



### The benefits of Cannabis fiber:

- ✦ Cool and warm - evolved into a breathing state that absorbs heat from the body, providing continued warmth and coolness in different environments.
- ✦ Antibacterial and deodorant - when exposed to water, Cannabis's fast drying airflow stunts the growth of bacteria/mold, making it antimicrobial and hypoallergenic.
- ✦ Anti UV-excellent anti-UV performance and high temperature resistance and unique light absorption and adsorption performance for the natural resistance.
- ✦ Dyeing power - the porous nature of the fiber, the higher water absorption of the Cannabis, will stain and retain its color better than any fabric.
- ✦ Natural and environment-friendly crops, which can resist various pests and diseases without chemical drugs, are typical green and environment-friendly crops.
- ✦ Moisture absorption and perspiration---Cannabis has excellent moisture absorption and perspiration, natural antibacterial and health care properties.

# Environmentally friendly cash crops Cannabis brand Cannabis fiber

## Cannabis brand fiber

From the nature, into the nature of the ecology - from the plant ecology, it is easier to use environmentally friendly production process to produce Cannabis fiber organic growth, and is much less than other fibers in the carbon footprint.



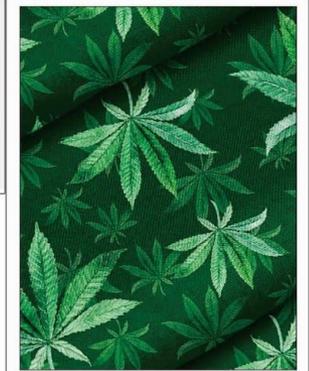
Cannabis bast



Fiber



Yarn



Textile fabrics



Cannabis rod core



Men's clothing products



Women's clothing products



Cannabis crops



## Environmental protection The production process The production process of Cannabis fiber

Cannabis fibers are bleached without the use of sulfuric acid to break down lignin and chlorine gas.

Cannabis pulp can be processed with recycled caustic steel.

Cannabis comes from nature and helps to maintain ecological balance.

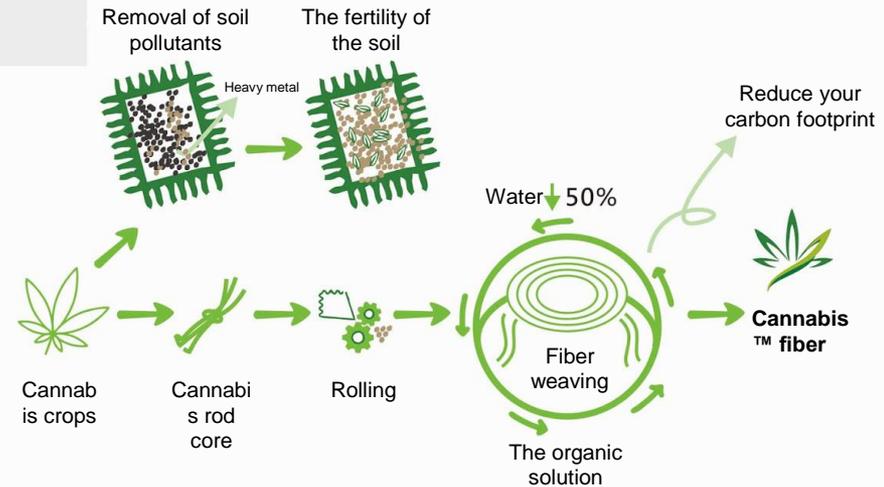
Efficient use of resources aims to reduce the environmental impact of the carbon footprint.

The change of Cannabis core into Cannabis cellulose only consumes water only half of cotton consumption, with high recycling proportion.

Through the authentication, the Cannabis fiber is manufactured by adopting the easier environmental protection production process.



## The production process of Cannabis fiber



## ECO-FRIENDLY Eco - friendly

### Used for Cannabis fiber

**Apart from making clothes, Cannabis fiber is also an environmentally-friendly material.**

- ✦ Cannabis grows organically, has a short growing season and consumes water only one fourth of cotton.
- ✦ Cannabis long fiber makes it superior to short fiber wood and is an ideal additive to strengthen the recovery of post-consumer waste (PCW).
- ✦ Cannabis is a restorative exclusively powerful agent in removing soil pollutants and heavy metal precipitation.
- ✦ Cannabis biomass helps the soil's natural fertilizer as it rotates.

**Cannabis is taken from nature, conducive to the restoration of ecological balance.**



## MICRO technology Cannabis

In all series of Cannabis - microfiber technology makes the fabric more lightsome, texture soft, generally made from thin and comfortable fabrics - such as commonly used in sports clothes, because the microfiber material, moisture absorption perspiration wearer feel cool and dry. In addition, the material fabric fiber feels tough and soft. Cannabis fiber is taken from nature, and has excellent moisture absorption and sweating effect. It can bring more natural comfortable sense for the skin. Amazing natural Cannabis fiber matching with superfine fiber technology allows fibers to define new guidelines for more comforting.





## ECO technology

### Cannabis

Cannabis is more environmentally friendly than other fibers. Cannabis grows more easily in any environment and is an exclusively powerful agent in removing soil pollutants.

In the case of rotation planting, Cannabis biomass helps fertilize the soil after harvest.

Cannabis fiber does not use sulfuric acid to decompose lignin and chlorine gas for bleaching, while Cannabis pulp can be processed with recyclable caustic matters, which uses resources efficiently and reduces the environmental impact of carbon footprint.

The Cannabis core is transformed into Cannabis cellulose and the water used to make the fiber consume only half of the cotton with a high proportion of recycling. It is manufactured by using the traditional technology.

Cannabis is taken from nature, conducive to the restoration of ecological balance.





## ECO SOFT technology

### Cannabis

Eco Soft technology produces Cannabis fibers that make textiles soft, warm and comfortable. No sulfuric acid and oxychloride are used to bleach the Cannabis core into fiber, which has high recovery rate and low carbon footprint. The diversity and reproducibility of Cannabis in the environment has been confirmed by ecologists.





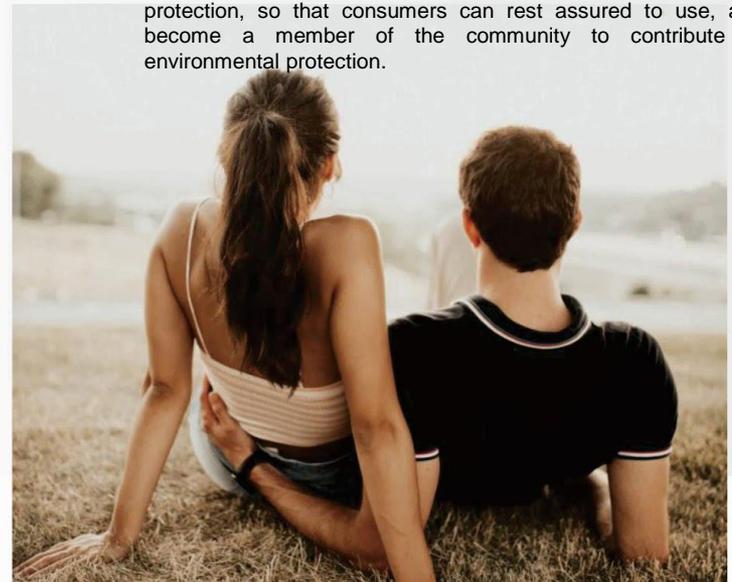
## ECO COLOR technology

### Cannabis

Eco Color makes the Cannabis core into the porous fiber. Cannabis has high water absorption and will be dyed better than any other fabric. Such superior characteristics bring lasting color fastness and there is more room for imagination to improve the technology of the fabric.

Cannabis fiber has created economic benefits, not only reducing the energy and water consumption of traditional dyed fabrics but also greatly reducing the impact on the environment.

At present, the Cannabis fiber produced by Eco Color technology is being certified by the European Union to obtain the ecological and environmental label, so as to achieve the ecological mission of verifying the product in environmental protection, so that consumers can rest assured to use, and become a member of the community to contribute to environmental protection.





## ANTIBACTERIAL technology

### Cannabis

Properties of antibacterial native Cannabis fiber. At the same time, Cannabis fiber contains a variety of active phenolic substances (THD, DBD, DBN), organic acids (oleic acid, ursolic acid, hexadecanoic acid) and organic salts, which have killing and inhibiting effects on a variety of bacteria, endowing the fiber natural bacteriostasis and disinfection effects.

The results shows that the inhibition rates of Cannabis textiles against staphylococcus aureus at 1h and 4h are 92.35% and 97.37%, that against e. coli at 1h and 4h are 92.39% and 97.55%, and that against candida albicans at 1h and 4h are 92.27% and 96.65%, respectively. In addition, the action to pseudomonas aeruginosa, penicillium, facial mildew and so on, has the obvious killing and the inhibition effect.

In the case of antibacterial, antibacterial and health care, Cannabis fiber has more than ten kinds of trace elements beneficial to human health. Experiments have proved that Cannabis fabric can eliminate all the bacteria attached to it within one hour, so its garment has the effect of natural antibacterial, green health care, odor absorption and sewage discharge.



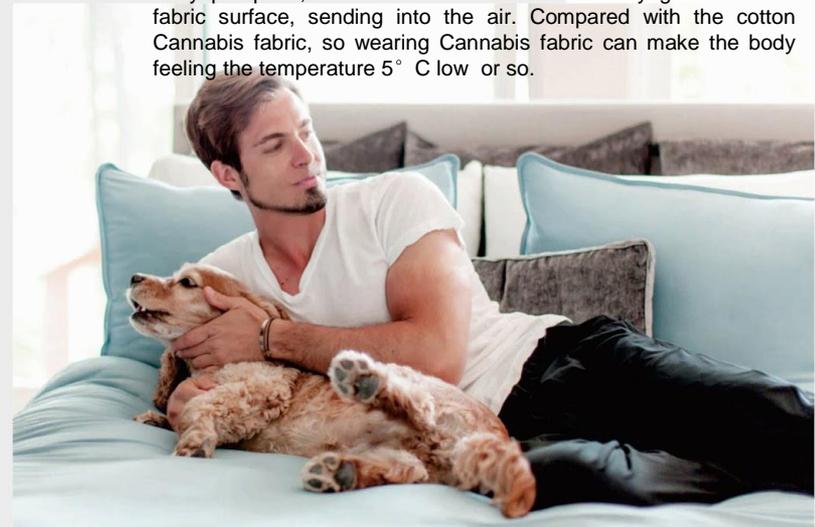


## COOL TEC technology

### Cannabis

The Cool Tec technology production of Cannabis fiber has the roles of moisture absorption and sweat, cool, pleasant and pleasant. Cannabis fiber has good capillary effect and air permeability, large moisture absorption, which can make the human body sweat faster, reduce the human body temperature, wear comfortably and feel cool.

Due to the unique structure of the Cannabis fiber, the fiber center has larger space. There are many longitudinal cracks and holes connecting to them, which forms more capillaries, able to quickly transfer and diffuse the moisture and steam in the fabric. When the body perspires, sweat or moisture can be timely guided to the fabric surface, sending into the air. Compared with the cotton Cannabis fabric, so wearing Cannabis fabric can make the body feeling the temperature 5° C low or so.



### Main advantages



#### Soil can be cultivated.

Cannabis fiber is obtained from nature, natural green, no pesticide and fertilizer residues. Its growth basically does not need chemical drugs. Its own can resist a variety of pests and diseases, a typical green crop.

Anchor roots and protect the soil from runoff, building and protecting structures similar to the topsoil and subsoil of forests. Cannabis doesn't deplete the soil. Leaves fall throughout the growing season, adding rich organic matter to the topsoil and retaining moisture. Cannabis and organic cotton have become globally recognized ecological and environmental characteristic resources and rare and precious resources. Ordinary cotton spinning products and flax spinning products can be compared.

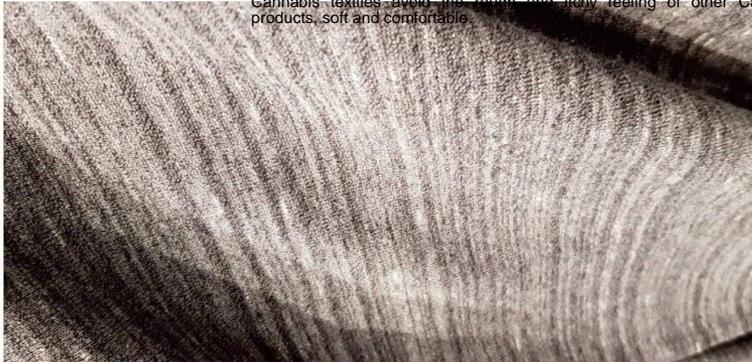


#### Feel soft

New generation natural fabric-Cannabis fiber feels soft and comfortable to wear.

Cannabis fiber has the characteristics of plant. The tip is pointed and the fiber is softer than other fiber plants. Irritating feelings are very low on the body. Cannabis can easily combine with other fibers to achieve the desired quality, such as the soft elasticity of cotton or the smooth texture of silk, together with the natural strength of Cannabis, creating a new fashion design style.

Cannabis textiles avoid the rough and itchy feeling of other Cannabis products, soft and comfortable.



#### Wet gas absorption

Cannabis fiber with single fiber cross section shows irregular round or polygonal. The center has slender empty cavities, and connects to the surface distribution of fractures and pores. This makes fiber with more capillaries. Such a structure can move quickly and spread the moisture inside the fabric. When the body sweats, sweat or moisture can be timely guided to the fabric surface into the air. Cannabis is estimated to sweat twice as fast as cotton, giving the fabric excellent moisture absorption.



#### Antimicrobial breeding

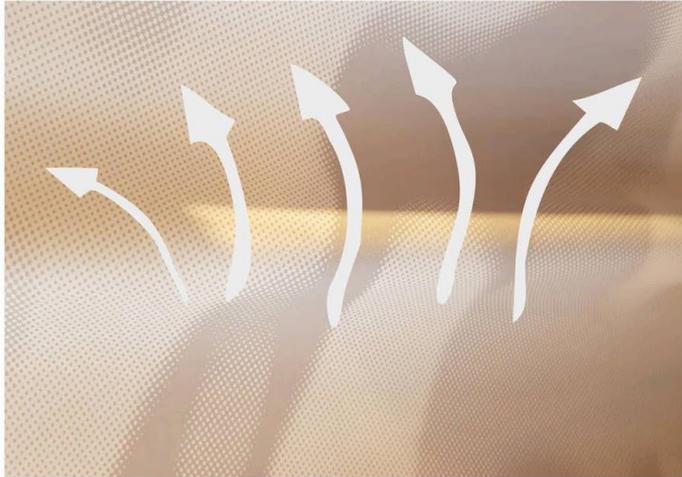
Due to its special porous structure and strong adsorption capacity, the antibacterial and health care properties of Cannabis fiber makes it rich in oxygen in natural state and making it difficult for anaerobic bacteria to survive. At the same time, Cannabis fiber contains a variety of active phenolic substances, organic acids and organic salts, which have killing and inhibiting effects on a variety of bacteria, making the fiber have natural bacteriostasis and disinfection effects. The results showed that Cannabis fiber had high bacteriostasis rate against staphylococcus aureus, escherichia coli and candida albicans. In addition, pseudomonas aeruginosa, penicillium, facial mildew, etc. have obvious elimination and inhibition.

## Main advantages



### Good air permeability

Due to the microstructure of the Cannabis fiber, the Cannabis fabric has the characteristics of excellent moisture absorption, sweat drainage and adsorption, so that the sweat of the human body can be discharged quickly.



### Feel cool

### Warm feeling to adjust

New generation natural fiber - Cannabis fiber feels fine and comfortable to wear. Cannabis fiber has the characteristics of plant. The tip is pointed and the fiber is softer than other fibers, and it has a low itchy feeling when wearing close to the body. Cannabis can be easily mixed with other fibers to combine the ideal quality, such as the soft elasticity of cotton or the smooth texture of silk, with the natural strength of Cannabis, creating a new fashion design style.

Cannabis fabric avoids the rough and itchy feeling of other Cannabis products and feels comfortable to the touch.



### High light resistance

### No static electricity

Cannabis fiber has excellent heat and sun resistance. Cannabis fiber does not decolor at the high temperature 37° C and becomes carbonized only at the high temperature 1000° C Cannabis fiber is not only a natural fiber, but also does not produce electrostatic energy. It has excellent heat resistance, fast performance.



### UV protection

Cannabis fiber has good resistance to ultraviolet radiation. Because the cross section is irregular triangle, quadrilateral, hexagonal, oblate and polygonal, the shape of the central cavity is not the same as the shape of the outer section. It is linear or elliptical shape. The fiber molecular structure is loose, so the ultraviolet ray irradiates on the Cannabis fiber, forming reflection and multilayer refraction, destruction and absorption. This is a great choice for outdoor sports fabric because it can reduce the harmful effects of UV radiation by 95%.

## Main advantages



### High fiber roughness

The fracture strength, elongation at break, elastic modulus and fracture energy of Cannabis fiber are about 8.92cN/dtex, 4.83%, 184.10cN/dtex- and 1.420cN\*cm respectively.

The breaking strength and elongation at break of Cannabis fiber are higher than that of ramie and flax.



### Stable colour and lustre

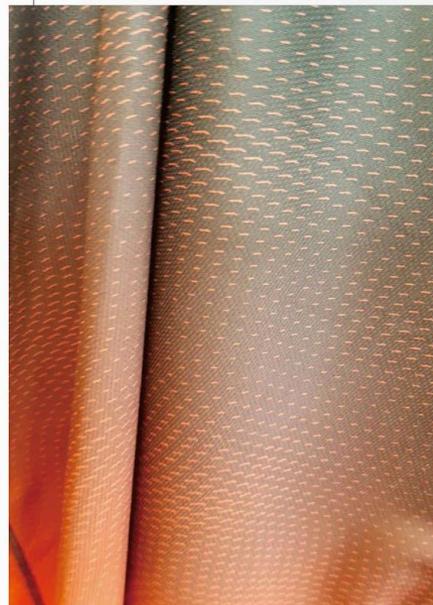
Cannabis fiber has plant characteristics- due to its irregular cross section and sharp tip. The dye can penetrate deeply into the fiber structure, with stable color and more durable than other textiles. Moreover, it is not easy to fade even after repeated washing.



### Natural draping

Cannabis fabric is comfortable to the hand and hangs down smoothly.

The demand of market gentrification and diversification is increasingly strong, making soft, comfortable and functional fabrics more and more valued.



### Natural burnish

The cross section of Cannabis weave dimension takes irregular triangle, quadrilateral, hexagonal, flat and polygonal shapes. The shapes of the cavity and the shapes of the outer section are not the same. They can absorb more dyes and blend with other textiles, making fabrics more gorgeous.

# Blended textile

Cannabis fiber provides all the warmth and softness of natural textiles, with superior durability that is rarely found in other materials. Cannabis is widely used, which can be blended with cotton, polyester, acrylic, wool, silk and other textiles to improve the aesthetic feeling, functions and traits of fabrics.

Diversified blending technology can create infinite imagination space of textiles. Can be used in countless products of clothing, accessories, shoes, furniture and home decoration. Clothing made from Cannabis contains all the beneficial qualities that can last longer and withstand harsh conditions. Cannabis blends easily with other fibers to combine desirable qualities with comfort and good health.

In recent years, with people's increasingly strong demand for personalization, high-grade and diversification, the soft, comfortable and functional fabrics have been attached more and more importance. The Cannabis fiber products with the good characteristic such as moisture absorption, breathable, ultraviolet ray resisting, and fighting peculiar smell are able to satisfy this one demand of people. It is accepted to be the new generation after cotton, wool, silk natural fiber. Some euramerican experts even call it as the second skin of the mankind. It is the perfect fiber that the mankind has discovered so far.



# Cannabis relaxing series



**Cannabis leisure fiber series originates from natural ecology and is specially designed for the lifestyle of environmental regeneration, environmental protection and reducing carbon footprint. The Cannabis textile products feel soft, comfortable, cool and easy to wear, allowing you to enjoy yourself without being bound when you are moving.**

The diversity of clothing can be matched with any clothing, accessories, shoes and other countless products. Clothing made from Cannabis contains all the beneficial qualities and may last longer. Cannabis blends easily with other fibers to combine desirable qualities with comfort and good health.

In recent years, people's demand for personalized, high-grade and diversified clothing has become increasingly strong, making soft, comfortable and functional fabrics more and more valued. And the Cannabis fiber blended products with good characteristics such as penetrable and odor resistant are meeting the needs of people. It is recognized as a new generation of natural fiber after cotton, wool and silk, and even called the second layer of human skin by European and American experts. It is the perfect fiber which has discovered by human beings so far.



Eco Soft technology



Eco Color technology



Antibacterial technology



Good air permeability



Feel cool



Warm feeling to adjust



UV protection



High fiber roughness



Natural draping



Stable colour and lustre



Natural burnish



No static electricity





# Cannabis skin-friendly series



Cannabis skin-friendly series are derived from the structural characteristics of natural fibers, which provide you with excellent fabric comfort after blending and thus protects your skin. This natural fiber, known as the "King of Natural Fibers", is an important fiber for making clothes.

In addition to the characteristics derived from the natural fiber structure, Cannabis skin-friendly series are made from various blends to achieve the comfort of the fabric, protect your muscle strength, and make you feel comfortable and cool all day long.

Cannabis blended fiber makes the fabric smooth, soft to the touch, light and soft with microfiber fabric. Cannabis fiber tip is thin and irregular porous, so that the fiber is soft, with low itchy feeling. It is penetrable and antibacterial, and can also inhibit the growth of bacteria, keep clean all day.



Cool Tec technology



Micro technology



Eco Soft technology



Eco Color technology



Antibacterial technology



Antimicrobial breeding



Good air permeability



Feel cool



Warm feeling to adjust



Wet gas absorption



UV protection



High fiber roughness



Natural draping



Feel soft



Stable colour and lustre



Natural burnish



No static electricity

# Cannabis sports series

Outdoor Cannabis sports series



Cannabis sports series originate from natural ecology, cool and comfortable.

The blended fabric has excellent characteristics and is widely used to keep the body comfortable, dry, sunproof and antibacterial.

Cannabis sports collection is a very suitable for outdoor sports fiber clothing series. The derivation from natural fiber structure characteristics can provide effective moisture absorption and perspiration. The irregular and porous fiber structure between each fiber is used to regulate the absorption and release of moisture and keep the body comfortable and dry after sweating.

Cannabis sports series more based on all kinds of blended fabrics of comprehensive optimizing features can meet the needs of all kinds of sportswear, such as in the optimization of the fabrics, fibre molecules containing a large number of hydrophilic group, when in contact with water, easy to combine with the water molecules adsorbed water molecules exposed in the air. The fabric contains high moisture content 12% or so, making you feel comfortable and cool all day.

Cannabis blended fiber is more suitable for the manufacture of high-performance sports function clothing, sports clothing with this kind of fiber with sunscreen up to 95%, which can protect the muscle warehouse from the sun for a long time and it is the excellent choice of outdoor sports fabrics, such as horse riding, golf, football and so on. Cannabis blends protect your health in the case that the ozone layer is destroyed. In addition to the above functions, Cannabis blended textile also has excellent heat resistance and sun resistance. As a natural fiber, it does not produce static electricity.

The microstructure of Cannabis blended fiber's central cavity and multi-gap endows Cannabis fabric excellent characteristics of moisture absorption, sweat excretion and absorption, so that human body sweat is discharged quickly, and the moist environment that bacteria live in is destroyed, which is manifested as bacteriostasis on the macro level.

In short, Cannabis has excellent moisture absorption and sweat removal performance, natural antibacterial and health care performance, good soft and comfortable performance, excellent anti-ultraviolet performance, excellent high temperature resistance performance and unique absorption of light waves and other adsorption performance. These properties improve performance during exercise.



Eco Soft technology



Eco Color technology



Antibacterial technology



Cool Tec technology



ECO technology



Good air permeability



Feel cool



Warm feeling to adjust



Soil can be cultivated.



Wet gas absorption



UV protection



High fiber roughness



Natural draping



Feel soft



Antimicrobial breeding



Stable colour and lustre



Natural burnish



No static electricity



High light resistance



UV protection





# Cannabis underwear series



The Cannabis underwear series is derived from the special structure of Cannabis blended fiber. After blending, the optimized fabric achieves better comfort and then gets close to the skin. The new generation of natural fiber is even called the second layer of human skin by European and American experts, which is the perfect fiber discovered by human so far.

The Cannabis underwear series is derived from the special structure of Cannabis blended fiber. All kinds of fibers can achieve excellent comfort by blending and optimizing the fabric, so that they can be closer to the muscle without any burden.

The tip end of Cannabis fiber is fine. In addition to make fabric smooth, thin and soft touch, after blending, it has excellent soft fabric and reduces wear tickling feeling, irregular and Cannabis fiber porosity and strong adsorption capacity. So the inhibition of bacterial growth also reaches the antibacterial and penetrable effect allowing you to maintain a healthy and comfortable all night.



Cool Tec technology



Micro technology



Eco Soft technology



Eco Color technology



Antibacterial technology



Antimicrobial breeding



Good air permeability



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High fiber roughness



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Feel soft



Stable colour and lustre



Natural burnish



No static electricity



## Cannabis business series

**Cannabis business series is derived from the natural fiber structure characteristics, specially designed for business people. Its excellent fabric porosity and cool, fabric feel comfortable, simple, cool and antibacterial features, making you wear in an unrestrained way and easy action.**

The Cannabis business series is a brand new fiber line of clothing. The derivation from natural fiber structure characteristics can provide effective moisture absorption and perspiration. The irregular and porous fibrous structure between the empty cavities and the multi-slit microstructure is used to regulate the absorption and release of moisture, providing a clean and comfortable body for business people.

Cannabis blended fiber is more suitable for business people, in addition to excellent antibacterial and bacteriostasis. As a natural fiber, it does not produce static electricity.

In a word, Cannabis has excellent moisture absorption and sweat removal performance, natural antibacterial and health care performance, and good soft and comfortable performance, which can improve the dryness and comfort of business people.



Cool Tec technology



Eco Soft technology



Eco Color technology



Antibacterial technology



Antimicrobial breeding



Good air permeability



Feel cool



Warm feeling to adjust



Wet gas absorption



UV protection



High fiber roughness



Feel soft



Stable colour and lustre



Natural burnish



No static electricity



## Cannabis living series

**Cannabis home series are derived from natural cellulose characteristics. The nature of the findol is introduced into home life. Home life creates a higher quality of life and living environment.**

Cannabis living textile series bring natural findol and enjoys the comfort of home, more based on all kinds of blended fabric to achieve soft and comfortable to protect your skin, feel comfortable, making you feel natural soft all night. When enjoying the soft and comfortable fabric, it can promote the sleep quality and keep the whole night comfortable and healthy.



Cool Tec technology



Eco Soft technology



Eco Color technology



Antibacterial technology



Antimicrobial breeding



Good air permeability



Feel cool



Warm feeling to adjust



Wet gas absorption



UV protection



High fiber roughness



Feel soft



Stable colour and lustre



Natural burnish



No static electricity

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