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From the United States

sunmate®



**BRAND INTRODUCTION**

**sunmate®**

The sunmate brand originated in Ontario, California, USA, with the mission of creating high-quality outdoor fabric products. We always adhere to innovation as the primary driving force for brand development and provide ultimate product support for a better living and working environment. In terms of products, we work closely with top suppliers around the world to ensure high quality and performance of our products.



Purchase advanced European technology solutions

SUNMATE → sunmate  
2014  



The brand was founded in the United States

Weaving & Finishing in China



Weaving & Finishing

Red end cap packing

PICANOL DORNIER



### 纤维 Fiber



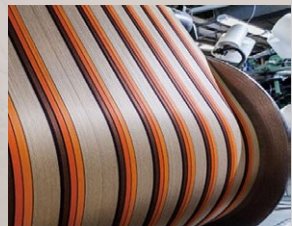
顶尖着色工艺的意大利纤维及纺纱技术，使颜色均匀分布在纤维内部，不易褪色。

### 纱线 Yarn



主要设备引自意大利、德国，整个生产工艺均采用DCS控制，确保纱线的均匀性及稳定性。

### 织造 Weaving



采用国际先进的必佳乐织机精益制造，恒定的温度与湿度，确保面料的张力及其它物理性能的稳定。



### 后整理 Finishing



精细化面料清洗及后整理过程，使织物处理后达到高性能效果。

### 检验 Inspection



面料100%双重检验，远高于行业标准的疵点检验，确保面料的高品质。

### 小红帽 Packaging



红色小红帽包装，是sunmate产品的鲜明特征，也是产品高质量的保证。

# One Fabric With **5** Star Advantages

一款面料五星优势



Ultra-high color  
fastness

超高色牢度



All-weather  
performance

全天候性能



Great tactil-  
ity

手感丰满



Water repellency  
and oil repellency

防水防油



Red end cap  
packing

小红帽包装

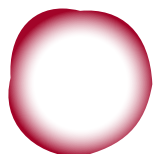
# 01

## Ultra-high color fastness 超高色牢度

### Dope Dyed Acrylic Fider (DDF)

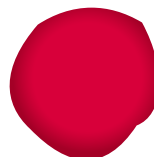
原液染色腈纶纤维

DDF fiber, also known as solution-dyed acrylic fiber. Sunmate fabrics are compiled from Italian technology of original liquid-dyed acrylic fiber (DDF), pigment molecules are dissolved into the core of the fiber using liquid as a medium to achieve the best coloring effect, which ensures color fastness and service life up to 8 years or more.



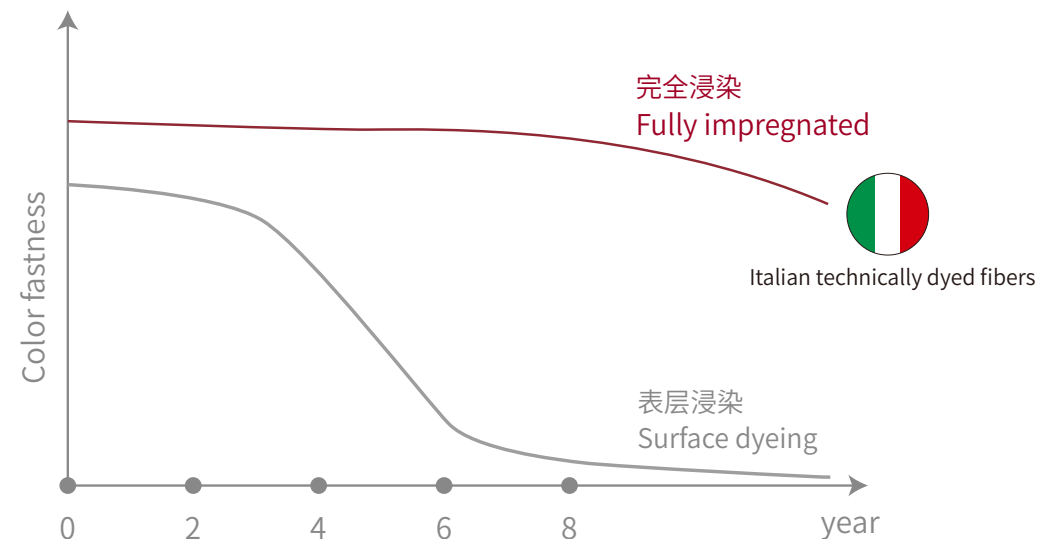
Surface dyeing  
表层浸染

This is a general dyeing process, pigment only adheres to the surface of the fiber, which cause fabrics fade easily.



Fully impregnated  
完全浸染

SUNMATE fabrics are woven from Italian technically dyed fibers, with pigments evenly adhering to the fibers to ensure that the fabrics do not fade.





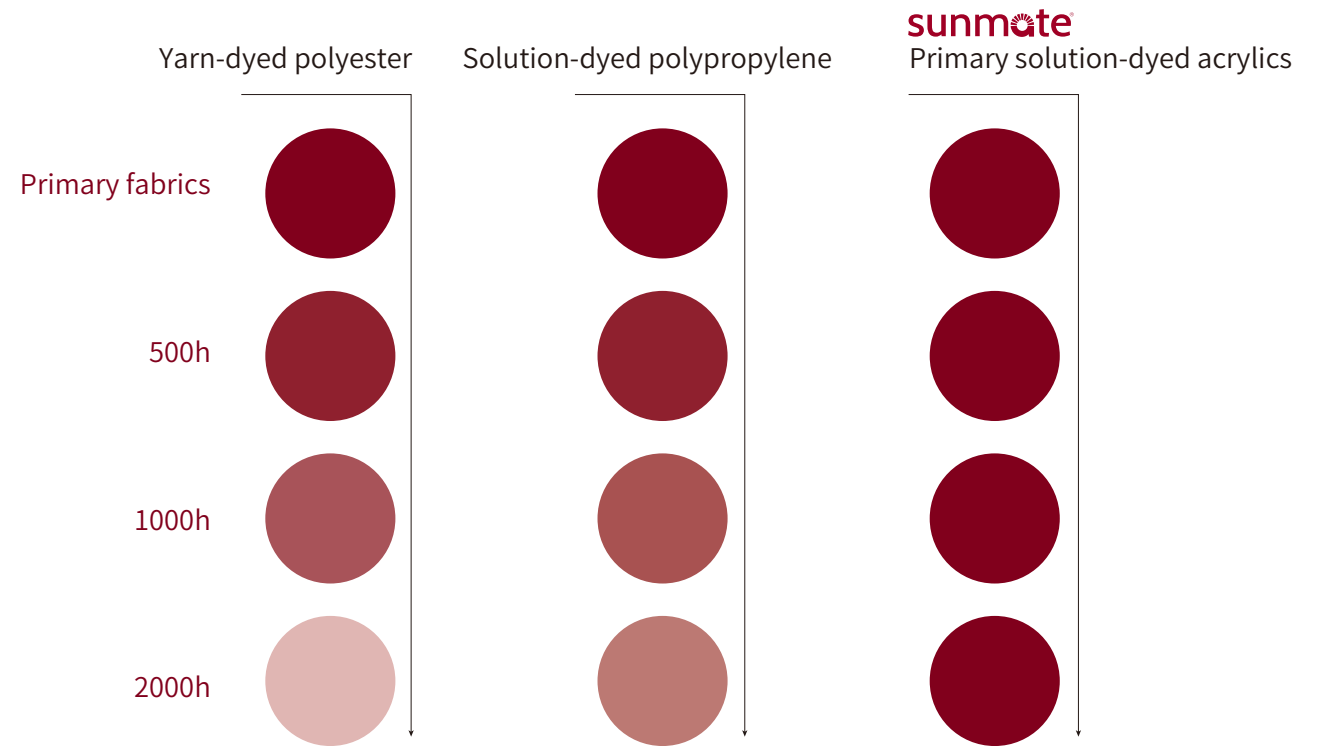
Produced by a special wet spinning process by adding colorants before spinning. This special process gives the fiber unique properties: vibrant colors, excellent weather fastness, UV resistance, abrasion and chlorine resistance.

Its excellent properties make it the ideal raw material for outdoor textiles, which can be used as a raw material for the production of outdoor tent fabrics, chair fabrics, boat shades and coverings, parasols, garden furniture, and the most demanding outdoor sports car tarpaulins.

### AATCC TM 16.3-2014

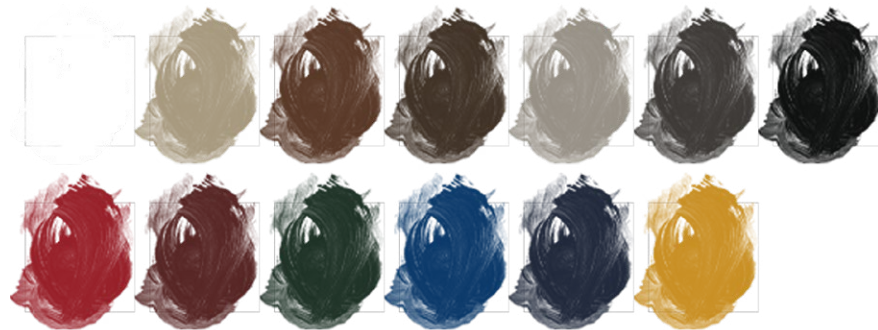
After 2000 hours of sun exposure testing, Sunmate fabric maintains its' brilliant colors.

AATCC TM 16.3-2014 耐日晒色牢度测试标准



## Full and pure colors 颜色饱满纯正

- Internationally fashionable color scheme, always at the forefront of the trend.
- Natural color sense, color system is rich and complete, with very high color saturation and good tonal stability. Under normal use and maintenance conditions, the fabric always maintains the perfect color for a long time.



# 02

## All-weather performance 全天候性能

UV protection  
防紫外线

Extreme temperature resistance  
耐极温

Anti-aging  
抗老化

Sunburn resistance  
耐晒性

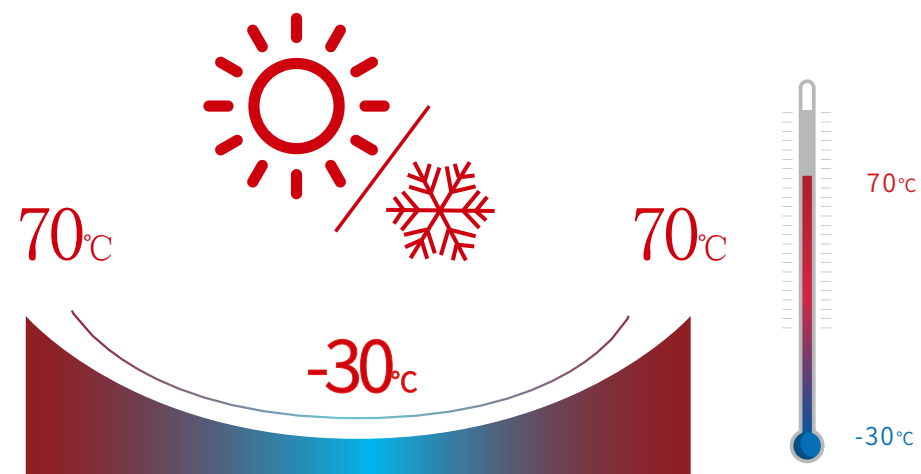
Anti-mold non-corrosive not afraid of insects  
防霉不腐 不怕虫蛀

### Composition: 100% acrylic

### 成分含量：腈纶 100%

Acrylic has the best sun and weather resistance of any common textile fiber. If it is placed in the outdoor exposure for a year, the strength only decreased by 5%. The resistance to sunlight of acrylic is 1 times greater than wool and 10 times greater than cotton.

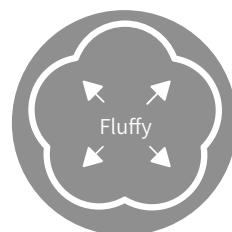
腈纶耐晒性和耐候性在常见纺织纤维中是最好的。其放在室外曝晒一年，强度只下降5%。对日光的抵抗性比羊毛大1倍，比棉花大10倍。



# 03

## Great tactility 手感丰满

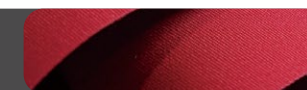
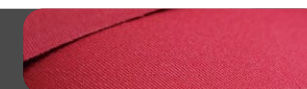
The fabric is 100% made of Italian technical acrylic fiber with high elasticity, fluffiness, resilience and soft touch, similar to natural wool. It not only has the characteristics of wool-type fabrics, but also takes into account the characteristics of chemical fiber, which is strong and durable.



High elasticity  
富有弹性

Good uniformity  
均匀细腻

Compact yarn  
紧密丰满



Adopting international advanced finishing machine to ensure the stability of fabric washing and finishing process. After the surface treatment of Europe's top TEFLON coating, the elasticity of the fiber is improved by additives to ensure that the fabric has high elasticity, good uniformity, which is a good choice for making high-quality outdoor sunshade products!

采用国际先进后整理机，确保面料清洗及后整理过程的稳定。

经过欧洲顶级TEFLON涂料表面处理，通过助剂改善纤维的弹性，确保面料弹性高，均匀度好，紧密丰满，是制作高品质户外遮阳产品的优质选择！

100%采用意大利技术腈纶纤维制成，弹性、蓬松度、回弹性高，触感柔软，类似天然羊毛。既具备毛型织物特征，又兼顾化纤结实耐用的特点。

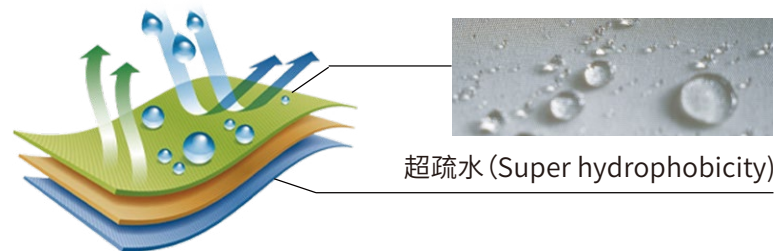
# 04

## Water repellency and oil repellency 防水防油

Water repellency and oil repellency  
防泼水/防溅油

The surface of Sunmate fabrics is treated with Europe's top TEFLON coating. The surface tension of the fabric after finishing by the additives is greatly reduced and lower than the water molecules and oil molecules, when water-soluble or oily stains are spilled onto the fabric, they will not penetrate into the fabric, but form water beads to roll around, so that the fabrics are both water-repellent and oil-repellent, and the waterproof grade reaches the highest standard of grade 5, and the oil-repellent grade is grade 5.

森美面料表面经欧洲顶级TEFLON涂料处理。经助剂整理后织物的表面张力大幅下降且低于水分子和油分子，当水溶性或油性污渍洒落到织物上时，不会渗透到织物内部，而是形成水珠状滚来滚去，使织物兼具拒水、拒油污性能，防水等级达到最高标准5级，防油等级5级。

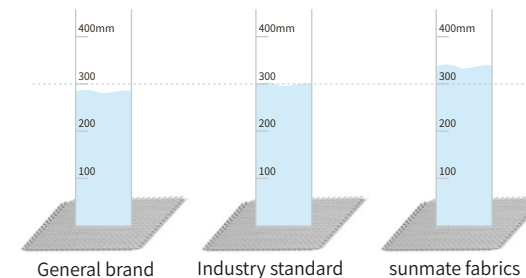


High quality hydrostatic pressure resistance  
优质抗静水压效果

Sunmate fabrics are woven with high precision on Picanol/Dornier looms. The loom controls the gaps between the yarns precisely. The multi-fiber cross-linking is strengthened by the treatment of additives. The hydrostatic pressure resistance of Sunmate fabric is up to 320mm, which is the top level of similar products in the industry, according to authoritative tests.

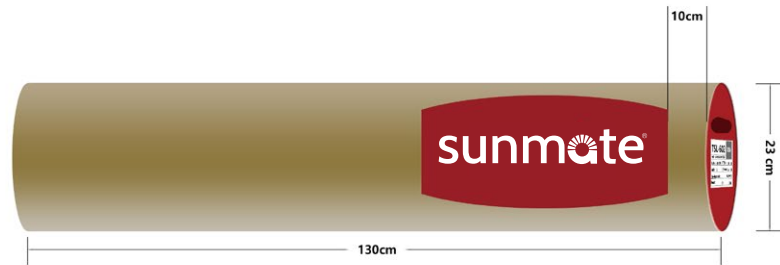
森美面料经Picanol/Dornier织机高精度织造而成，精准控制纱线之间的缝隙，密度高，经助剂处理加强了多纤维间的交叉连结。经权威测试，SMT面料的抗静水压高达320mm，达到行业同类产品顶级水平。

ANTI-HYDROSTATIC PRESSURE TEST



# 05

## Red end cap packing 小红帽包装



- The fabric is packaged in a red plastic cover that is unique to the market and therefore super recognizable.
- The fabrics are packed in paper tubes to ensure that no deformation occurs during transportation and storage of the fabrics.
- Sunmate demands for extremely high quality, the red end cap packaging quality is much higher than the market average.
- QC reports are included in each roll. Customers can track the fabric condition according to the report in order to improve cutting utilization.

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*Italian Technology Red Cap Packaging*

