

Polyester & Cotton (T/C) Modified Fabric

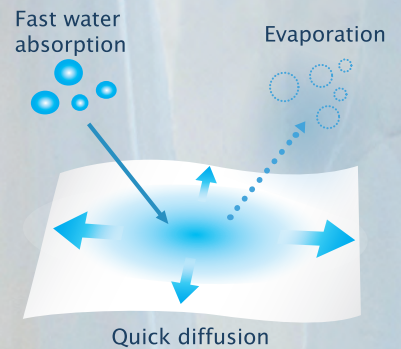
# Polyva™

An eco-friendly, “comfortable fabric” with sweat-absorption and quick-dry properties

“Polyva™” is a modified fabric that maximizes cotton’s strong water absorption and polyester’s fast diffusion. It possesses polyester’s easy-care property and outstanding washing durability, and reduces environmental load. In addition, its water absorption and quick-dry functions keep clothing comfortable.

\*T/C composite: blended polyester / cotton fabric

## How Polyva™ Works



## 3 Eco Features

### Water Absorption & Quick-Dry

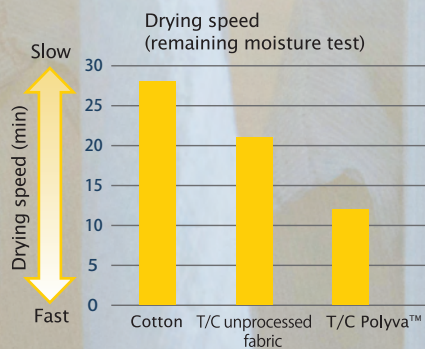
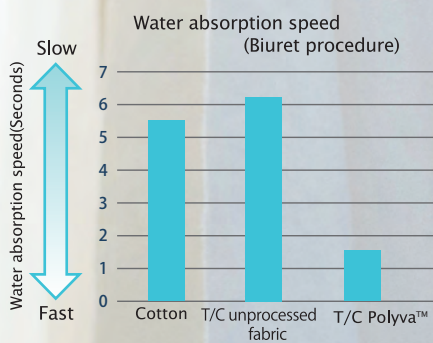
Since its modified property technology allows water to diffuse quickly on the fabric, drying time is shortened, saving drying costs. Drying time is shortened by 30%-50% compared to unprocessed fabric, saving 30%-50% in energy cost.

### Easy-care

The fabric features polyester’s wrinkle-resistance property. It has a cotton-like texture and saves ironing time, effort and laundry costs.

### Washing Durability

Water absorption and quick-dry properties are maintained even after 50 industrial washing cycles. Thus, the fabric can be used for a long period of time.



Comparison of Polyva™’s water absorption speed and drying speed

Comfortable humidity control function



Reduction of static electricity



\*Modification of ingrain fabric is also possible



\*Only possible for ingrain fabric without resin treatment



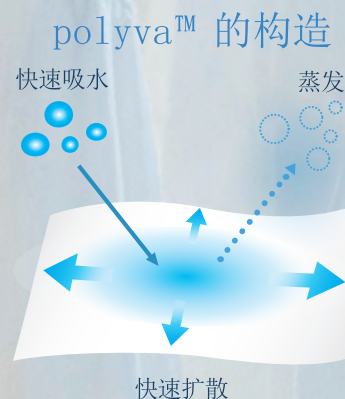
聚酯/棉 (T/C) 改良加工织物

# Polyva™

## 保护环境、让衣内环境变舒适的吸汗·速干布料

“polyva™”是利用我们不断推进的改良技术，最大限度发挥了棉布强大的吸水力和聚酯快速的扩散力而制成的改良加工织物。它还兼具聚酯免烫性和耐洗涤性的特点，可减少对环境的影响。此外，“polyva™”具有吸水·速干功能，从而让衣内环境保持舒适状态。

※T/C合成布料…聚酯和棉混纺而成的布料。



## 三个环保要点

### 吸水·速干性

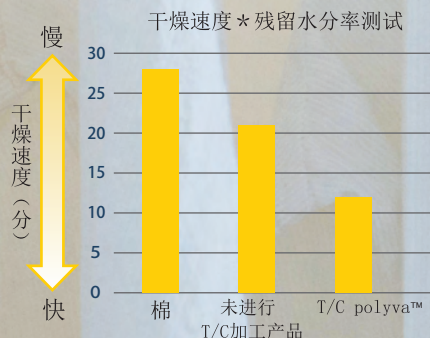
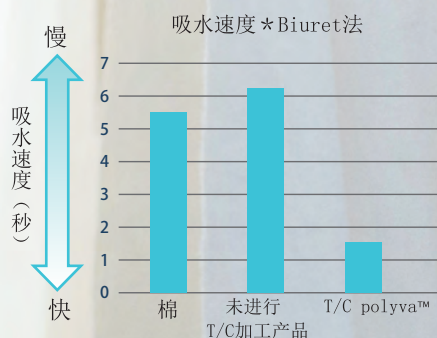
polyva™是运用独特的改良技术，让布料快速吸水，能够扩散到更广阔的面积，因此干燥起来很快，用机器干燥时耗能很少的环保型布料。与未进行T/C加工的产品相比，干燥时间大约加快30%~50%、干燥耗能大约减少30%~50%。

### 免烫性

polyva™具有聚酯不易起皱的特点。它保持着类似棉布的手感，同时还能减少洗涤后熨烫、干洗的麻烦，因此能缩减相应的耗能。

### 耐洗涤性

工业洗涤50次之后仍然保持着原先的吸水性·速干性。因此产品的寿命周期长，可以长期反复使用。



## “polyva™”的吸水速度及干燥速度之比较



※在纺织前染色的产品：仅限尚未进行树脂加工处理的品种。

