



TANA[®]COAT AWP
FROM LOW-WICKING TO NO-WICKING

**NEXT GENERATION
ANTI-WICKING TREATMENT**

TANA[®]COAT AWP is the first basecoat that offers 'no-wicking' properties to coated fabrics. Products that require top class durability and weather resistance can now rely on hydrolysis resistance with a lifespan of many years.

TANATEXCHEMICALS.COM

ADDING PASSION
TO TEXTILES.



TANA®COAT AWP

The next generation anti-wicking treatment for coated woven fabrics

When manufacturing coated woven material for outdoor use, fabrics require durability and weather resistance. One of the challenges that textile professionals encounter in this respect is moisture wicking. The fabric starts to absorb dirt and damp at edges and seams or during use, when cuts and abrasion appear. This causes mildew growth and discoloration or weakening of the adhesion.

From 'low-wicking' to 'no-wicking' fabrics

Moisture wicking is a fabric's property to move moisture by capillary liquid transport 'from the inside to the surface'. Manufacturers of coated fabrics therefore apply a basecoat that offers anti-wicking properties to the fabric. The former generation anti-wicking treatment slowed down the capillary liquid transport. **TANA®COAT AWP**, developed by TANATEX experts, represents a new generation of treatments and offers unmatched anti-wicking properties. Manufacturers are now able to give their fabric a 'no-wicking' property.

TANA®COAT AWP was developed as an anti-wicking treatment for high quality PVC coated polyester fabric for tensile structures. However it is applicable to any PVC or TPU coated woven fabric that requires durability and weather resistance. For example truck tarpaulins, boat and car covers, poolcovers, awnings, industrial doors and tents.

Application

TANA®COAT AWP can be used for both yarn and fabric of any polyester or other heat stable PES fibre. Furthermore, **TANA®COAT** can be used for production at high processing speeds.

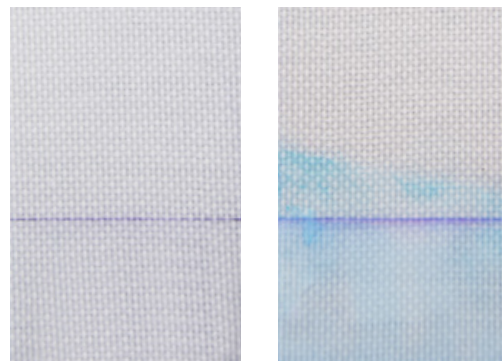
It is applied by continuously feeding the yarn or fabric to a coating station where it's coated with an emulsion or dispersion to give its required properties. Next, the yarn or fabric is dried in an RF oven.

Finally, the treated fabric can be coated with a PVC plastisol or TPU. The anti-wicking properties of the fibres are durable, this way they will not be lost by repeated contact with moisture or water.

Properties

- Very good adhesion towards PVC and TPU
- Self-crosslinking
- High lightfastness to UV exposure
- No drying on the pressing cylinders during padding

In practice



Treated with TANA®COAT AWP

Non treated

Tests are made regarding AATCC Test Method 197 - 2013

TANA®COAT AWP barely degrades; it keeps its hydrolysis resistance for many years, even at very moist, cold or warm climates.

- Peter van Brunschot, Business Development Manager Performance Coatings -

About TANATEX

TANATEX Chemicals breaks new ground with ultramodern textile processing solutions, ranging from pre-treatment to finishing. Through a global network of offices, agencies and distributors, we support our customers worldwide with advanced top quality wet processing products and a high level of technical and tailor-made service. For almost 60 years we have proven to be a trustworthy and innovative associate.

Since 2016 we are a company of Transfar Chemicals. Our cutting-edge products are based on the latest trends and demands in today's (technical) textiles and carpet processing industry. We do not sell mere products; we offer fit-for-purpose solutions. With an eco-friendly way of thinking, TANATEX experts are the ones to watch.

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