



# WE ALL DIMENSIONS

**Tailormade Solutions**  
CUSTOMISE YOUR PRODUCTS

## COMBINING KNOWLEDGE AND EXPERIENCE

Perfection is achieved when the end-user experiences real change. We combine knowledge and experience with fine products to help you produce textiles that match all of your customers' needs.

[TANATEXCHEMICALS.COM](http://TANATEXCHEMICALS.COM)

ADDING PASSION  
TO TEXTILES.

**TANATEX**<sup>®</sup>  
CHEMICALS 

# TAILORMADE SOLUTIONS

**A textile professional deals with demanding customers daily, meaning you need to work on your added value non-stop. The best way to do so, is providing your textiles with extra features that solve your customers' problems or add luxury to the end-product. As this is not easy, our textile solutions come with an expert that tailors them to your standards and machinery. This way, you get exactly what you need.**

Together with you, our experts look into the specifications to realise high quality textiles. We test your fabric samples in the lab and advise you on which products to use. When it comes to extra textile features, TANATEX is your partner. We help you create flame retardant tents, water and oil repellent garments, UV resistant window decoration, and so on. Below, we tell you about some of our top-shelf solutions!

## TANA®COAT SFT

### Sustainable tiecoat for flame retardant solutions

TANA®COAT SFT is a new state-of-the-art sustainable coating compound that can be used for the creation of flame retardant articles. The product will not contribute to the release of halogen components during the actual fire, as it does not contain any halogens or antimony.

The tiecoat solution is a well-balanced, fully compounded polyurethane dispersion which is applied as a soft basecoat on synthetic substrates.

As TANA®COAT SFT imparts excellent flame retardant properties without halogens, it is an ideal building block for the creation of flame retardant articles. It does not exclude other solutions, that can be added depending on the article and the requirements.

For example, lightweight articles based on a non-flame retardant polyester substrate (till approx. 120 g/m<sup>2</sup>) with a basecoat of TANA®COAT SFT and a topcoat of TANA®COAT MTO are already meeting the norm DIN 4102, B1.

For a water- and oil repellent post treatment, we advise BAYGARD® EFN as this product does not have a negative effect on the final flame retardant properties.

#### Benefits

- ✘ RFU compound with excellent flame retardant properties
- ✘ Sustainable: antimony- & halogen free
- ✘ Good adhesion to PA & PES based substrates
- ✘ High solids
- ✘ Suitable for outdoor exposure

#### Other properties

- ✘ High flexibility, even under cold conditions, resulting in soft articles
- ✘ Good resistance to all weather conditions
- ✘ Product is self-crosslinking, however additional isocyanate crosslinkers will improve performance
- ✘ Good digital printability
- ✘ Excellent suitable for lightweight canopies and tents as well as workwear

***“Excellent suitable for lightweight canopies & tents”***



## TANA® COAT OMP & MTO

### Solutions for outdoor exposure

These products are especially designed for coating of synthetic outdoor fabrics. TANA® COAT OMP can be applied as soft a basecoat and TANA® COAT MTO as a medium hard topcoat. The end products show high light fastness and UV resistance and a very good resistance to hydrolysis. When the basecoat is replaced by our TANA® COAT SFT, the end article can often be extended with a halogen free flame retardant.

#### Benefits

- ✘ Resistant to all weather conditions
- ✘ Good adhesion to PA & PES based substrates
- ✘ High light fastness & UV resistance
- ✘ Excellent coldflex

#### Other properties

- ✘ High flexibility, even under cold conditions, resulting in soft articles but with high scratch resistance
- ✘ Dry surface with good slip properties
- ✘ Good hydrolysis resistance
- ✘ Good shear stability
- ✘ Products are self-crosslinking, however additional isocyanate based crosslinkers can be used to further improve performance
- ✘ Especially suitable for e.g. lightweight multipurpose canopies and tent materials





**CUSTOMISED  
MULTIFUNCTIONAL  
HIGH QUALITY**

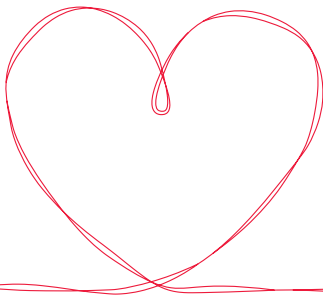


What is right for your neighbour, may not work for you at all. To produce high quality textiles that make a difference you need tailored products that help you add value to every piece of fabric you produce. We combine expertise, experience and a personal approach to support you in becoming the best your customers can get.

We offer a wide range of tailor-made solutions that turn your textiles into for example smart outdoor garments, water and UV resistant tent canvases and flame retardant window decoration. Thanks to our Tailormade Solutions, different features can be combined without compromising the quality of the end-product.

## **Want to know more about our tailor-made solutions?**

Visit [TANATEXCHEMICALS.COM](https://www.tanatexchemicals.com) for more information.



***We believe that with our passion we can change the textile world.  
We improve experiences and make new experiences possible.***

### **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 proud partner 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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