



# WE PROTECTION

## CREATE THE RIGHT BURNING BEHAVIOUR

Controlling fire has proved to be challenging work, and the use of flame retardant textiles could very well, above everything else, save lives. This value can further be supplemented by using environmentally friendly products so what once was a challenge is now a selling point.

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

ADDING PASSION  
TO TEXTILES.

**TANATEX**<sup>®</sup>  
CHEMICALS 

# FLAME RETARDANT SOLUTION

From car-seats to camping tents to theatre curtains, the use of suitable chemicals can avert many accidents that could have disastrous consequences. This property add value to your products and help you to comply with industry standards, more so when you're servicing high-stakes environments like fire-fighting equipment, the military and transportation.

All our solutions are specifically made to your specifications, so this fits your production process, and what's more, your flame retardant requirements. As this is our challenge: Creating articles with the right burning behaviour. We are not focussed on the use of a specific flame retardant product, but look at the properties of the fabric and the production process to define the right combination of chemicals. This makes our approach different: we offer flame retardant solutions.

Now the questions that rise are; How do we achieve the right burning behaviour for your end products? What if we can simplify your process? Do you need a flame retardant product or can we achieve the same effect differently? The matter is very complex and the considerations are of every day. It's up to you to compare and decide on the right approach. Our experts are happy to help.

We integrate the following products in your specific recipe , if necessary:

Product	Description
TANA®COAT SFT	An antimony and halogen free flame-retardant basecoat for lightweight articles based on polyester fabrics. Fully compounded. Based on polyurethane and nitrogen.
FLAMEGARD FPN	Universal, non-halogen flame-retardant agent for pretreatment of technical textiles and nonwoven.
FLAMEGARD PEC	Durable, phosphonate based flame retardant for 100% polyester based substrates. When properly applied by padding followed by high temperature heat setting or thermosol conditions, allows the polyester fabrics to meet many flame test requirements.
FLAMEGARD PX	Phosphorous based flame retardant additive to be applied during HT dyeing of polyester with/without disperse dyes. Provides a soft and non-greasy handle. No discoloration of white fabrics. Bromine free. Solvent free. Suitable for, upholstery, curtains, mattresses, work wear, tents, automotive applications, etc.

In close collaboration with you, our experts look into the specifications to realise high quality textiles that match all needs and requirements. We test your fabric samples in the lab and advise you on which solution to use. When it comes to extra textile features, TANATEX is your partner.

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