



*FUNCTIONAL REPELLENT TEXTILES*

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**Active Repellent Textiles,  
prevention against Dengue and Malaria.**

# A True Innovation in *Repellents Products*



## Main Features



**Tested by Testing Laboratory  
+ 100 WASHES proven!**



**Effective in Preventing Mosquito Bites  
including the **DENGUE** and **MALARIA****

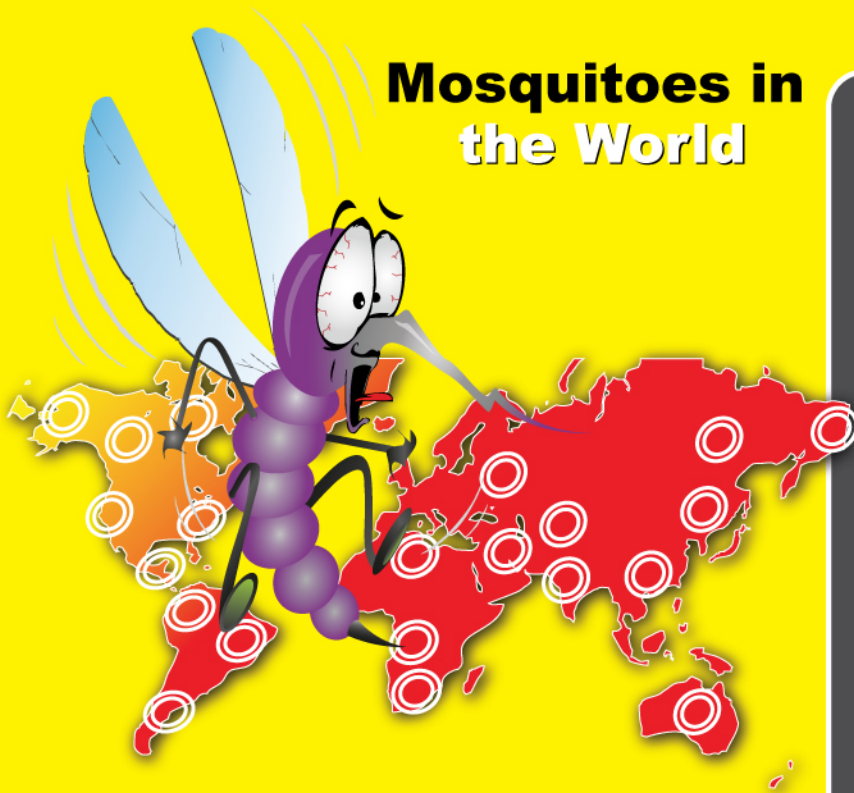


**Great for Sports and Leisure Practice**

## CLOTHING WITH REPELLENT TREATMENT THAT PROTECTS FROM MOSQUITO BITE

- The micro encapsulations and nanoparticles are present solutions that can perform various functions, including the insect repellency.
- The fabric was developed to avoid mosquito bites responsible for skin problems (redness, swelling, etc.) and the transmission of serious diseases such as dengue and malaria.
- The **Ztop** clothing were tested through laboratory testing performed in accordance with the methodologies designated by the World Health Organization. The results indicate that the **Ztop** clothes presents an efficacy of approximately 100 washes.
- Its use can be an effective tool in the prevention of mosquito bites.

## Mosquitoes in the World



### World Situation

The global prevalence of dengue has grown dramatically in recent decades. The disease is now endemic in more than 100 countries in Africa, America, Eastern Mediterranean, South-East Asia and Western Pacific. South-east Asia and the Western Pacific are most seriously affected.

Approximately, 40% of the world's population, mostly those living in the poorest countries are at risk of malaria. Every year, more than 500 million people become severely ill with malaria. Most cases and deaths are in sub-Saharan Africa. However, Asia, Latin America, the Middle East, parts of Europe and some Pacific countries are also affected.

2500 billion people (two fifths of the world's population) are now at risk from dengue. WHO currently estimates there may be 50 million cases of dengue infection worldwide every year.

# Catalog **Ztop**

**wrist cap**



**stroller tissue**



**bracelets**



**cap**



**t-shirt**



**v-shirt**



**socks**



**blankets**



## **Clothing that protects the mosquito bite**

- Designed to prevent mosquito bites responsible for skin problems (redness, swelling, etc.) and the transmission of serious diseases. Learn more at [www.ztopmosquito.com](http://www.ztopmosquito.com)
- Tested by laboratory, performed in accordance with the methodologies designated by the World Health Organization. The results indicate that the effectiveness of Ztop garment has approximately 100 wash cycles or 30 days of aggressive use (chlorine and salt water).
- Its use can be an effective tool in preventing mosquito bites.

## **Blankets**

- Type: Acrylic mix
- Weight: 720gr
- Composition: 50% acrylic, 40% polyamide and 10% Cotton
- Grammage: 300gr/m<sup>2</sup>
- Dimensions: 1,30 m x 1,90 m
- Packing: Bales of 50 or 100 units



## mattres protection



### Mattress protector

- Type: protector / guard mattress (low use by the sheet) anti-mite and anti-microbial. It is waterproof, breathable and produced a very soft and comfortable fabric.
- Composition: 80% cotton + 20% polyester with polyurethane membrane (PU) Breathable
- Weight: 160g/m2
- Sizes
  - Single: 90 x 200 x 18cm
  - Double: 160 x 200 x 18cm
- Packing: Plastic bag special packaging for textile image with **ZTOP**

## bedding set



### Bedding set:

- Consists of:
  - table top measures 180cm x 280cm in
  - table cover measures 100cm x 200cm in
  - the pillowcase measures 50cm x 60cm
- Composition: 50% cotton + 50% polyester
- Weight: 150g/m2
- Structure: Taffeta
- Packing: Plastic bag special packaging for textile image with **ZTOP**

## sports equipment



### Sports equipment (kit)

- Consists of: shirt (genus football) + shorts with two pockets
- Type: quite light and quick-drying equipment
- Composition: 100% polyester
- Fabric: breathable
- Sizes: to be defined
- Packaging: Box with image with **ZTOP**

## hospital gowns school coat



### Hospital gowns

- Type: unisex long-sleeved gown with a very tough weight within the required parameters of the European Union
- Composition: 35% cotton + 65% polyester
- Weight: 190g/m2
- Fabric: Twill
- Sizes: to be defined
- Packing: Plastic bag special packaging for textile image with **ZTOP**

# Products **Ztop**



**ZTOP  
T-SHIRT**



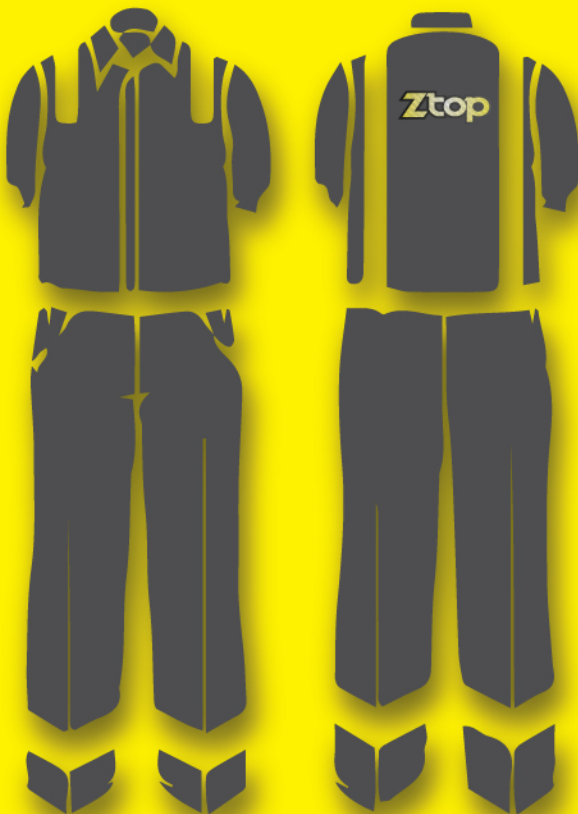
**ZTOP SOCKS**

**ZTOP PULSE**

super pack



## Custom special orders for your Company



### Keep your team safe!

When you purchase a minimum quantity of 1,000 units\* you get the possibility to order not only the best work equipment, customized for your company, as well as any type of clothing or textiles, always with all **Ztop** warranty.

\*Conditions on request.

