

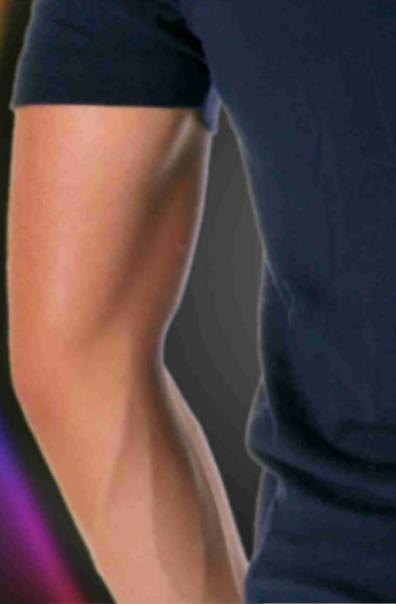
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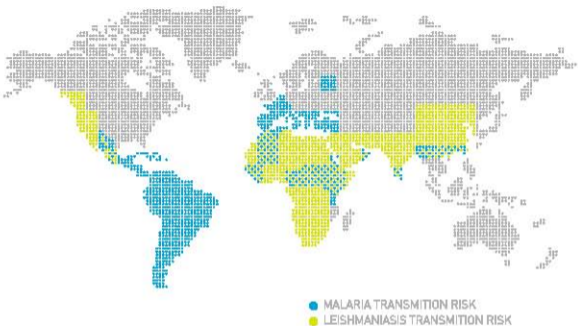
HEALTH CARE WITHOUT FLIES





**INSECT
REPELLENT**





Mosquito bites cause problems ranging from local discomfort - itching and irritation - to infection with serious diseases such as Leishmaniasis, Dengue, Yellow Fever or Malaria.

These diseases affect most tropical countries. They have been expanding into new areas and kill annually more than 1 million people¹, constituting one of the main public health issues worldwide.

¹ WORLD HEALTH ORGANIZATION DATA

Mosquitoes have three types of sensors which are responsible for the easy detection and identification of their prey:

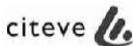
Chemical sensors that enable the detection of carbon dioxide and lactic acid resulting from breathing and perspiration of humans and animals (those are the most attractive substances for mosquitoes);

Visual sensors that enable detection of the prey's movement in the surroundings;

Heat sensors used to find mammals and other warm-blooded animals.

Wearing specially treated garments with protective properties is an excellent means of avoiding mosquito bites.

The Research conducted by NG Wear, in partnership with the Institute of Hygiene and Tropical Medicine (University of Lisbon) and CITEVE², brought to light a solution to this problem - "No Mosquito" collection offers effective protection against insect bites.



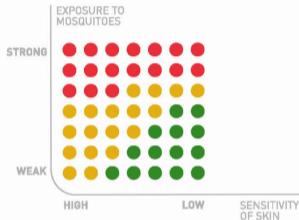
The functional textile with preventive properties used in the "No Mosquito" collection is insect repellent, highly wash-resistant and suitable for all types of skin, including the most sensitive (e.g. children).

² THE PORTUGUESE TECHNOLOGICAL CENTRE FOR THE TEXTILE AND CLOTHING INDUSTRIES

ACTION

NG Wear “No Mosquito” articles offer 3 levels of protection, to be used according to circumstance:

SOFT (SO) MEDIUM (M) STRONG (ST)



USE AND MAINTENANCE INSTRUCTIONS:

- Keep inside packaging when not in use
- Wash at a maximum of 30° C
- Do not use tumble dryer
- Iron at low temperatures
- Do not bleach
- Rub mesh to enhance the release of the active ingredient

The technology used to obtain the SOFT protection is the micro-encapsulation of citronella, a 100% natural substance extracted from the plant *Cymbopogon Nardus*.

These microcapsules act continuously releasing a fresh and natural citrus aroma that is safe for the whole family.

The MEDIUM level of protection is also achieved through the micro-encapsulation of active repellent ingredients used for decades (DEET) with excellent results in dermal application products.

During normal use, the microcapsules remain active creating long-term protection against insect bites. Body heat and movement provide an additional protection.

For STRONG protection, the mesh is embedded with a derivative of Permethrin which is used in many topical application drugs.



www.ngwear.pt