



**extruflex**  
flexible vinyl extrusion world leader



# STOP- INSECT

ANTI-INSECT VINYL

DOORS AND PARTITIONS

# FIGHT AGAINST MOSQUITO BORNE DISEASES

## DENGUE (VIRUS)

- / 50 to 100 million infections per year
- / 2.1 million of severe form (hemorrhagic fever and shock syndrome)
- / 25,000 deaths per year compound

## MALARIA (BLOOD PARASITIC DISEASE)

- / 220 million cases of malaria per year
- / 660,000 deaths per year
- / 85% of the victims are children under 5

## YELLOW FEVER (VIRUS)

- / 200,000 illnesses per year
- / 30,000 deaths worldwide each year
- / 44 endemic countries in Africa and Latin America, with combined population over 900 million, are at risk

## ZIKA (VIRUS)

- / More than 5 millions cases (increasing everyday)
- / Risk of severe congenital malformation of new born's



*Aedes Aegypti*



*Anopheles*

## THE SOLUTION : STOP-INSECT DOORS AND PARTITIONS



In order to fight insect nuisance, Extruflex has incorporated an anti-insect agent in its soft vinyl compound and has created the **STOP-INSECT**.

The **STOP-INSECT** vinyl technology is efficient in many environments:  
Houses, shops, warehouses, schools, supermarkets, public areas, hospitals, etc.

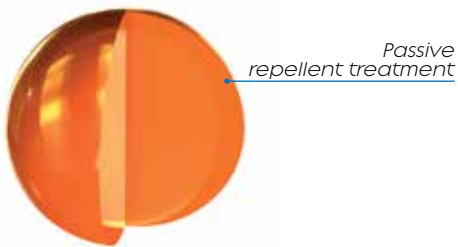
**STOP-INSECT** vinyl will also act to protect against ants, spiders, scorpions, mites, ticks, fleas or cockroaches.

The efficiency of **STOP-INSECT** has been demonstrated by a study conducted over 12 months by an independent laboratory.

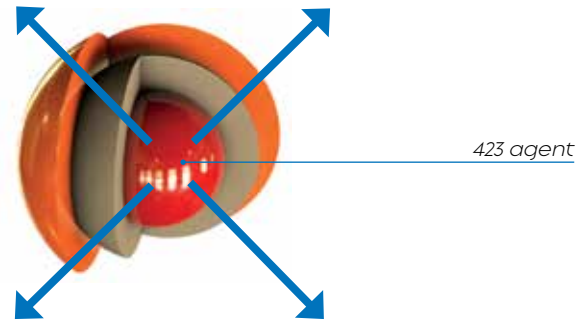
# THE LATEST TECHNOLOGY AGAINST MOSQUITOS

The **STOP-INSECT** technology incorporates a unique biocide agent the "423 AGENT" in a tinted compound enabling both passive and active repellency.

1 A color as repellent agent



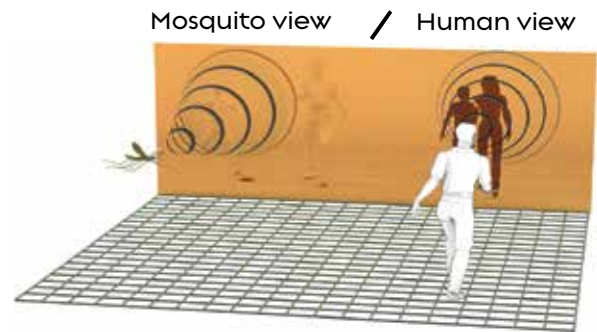
2 A biocide agent (423) included in the vinyl compound



## PASSIVE REPELLENCY

- A mosquito is mainly driven by light, odor, and temperature.
- The rust orange color has a blinding effect on the mosquito.
- It's called a passive repellency: Its effect is minor.

W.F. Snow (1971) *The spectral sensitivity of Aedes Aegypti at oviposition*  
 Department of Entomology, London School of Hygiene and Tropical Medicine, Keppel Street, London.



## 423 AGENT : HIGHLY EFFECTIVE AND LONG LASTING ACTION

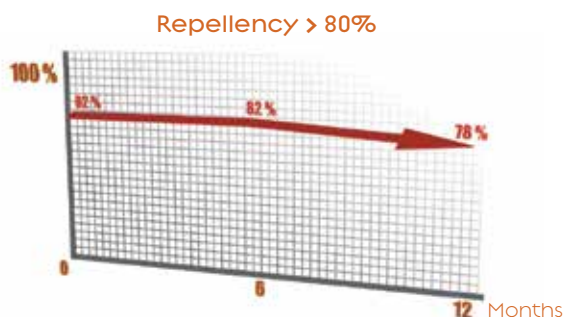
An insect neuro-toxin which generates two main effects:

### Active repellency

80% of efficiency during at least 12 months.

### Killer effect

100% of the mosquitoes which approach or contact the anti-insect vinyl strip or sheet will be knocked-out and killed.



All tests were conducted by an independent laboratory over 12 months:  
 Laboratoire TEC, Anglet FRANCE. Study available on request.  
 Compliant with the European Commission Guidance for outside repulsive products.



# SAFETY AND HUMAN CONTACT

## SKIN CONTACT: NOT TOXIC.

423 Agent is not toxic for human skin.

Tests were conducting using MTT method on Keratinocytes.



Report number FSR-IPL 120404 made by Institut Pasteur de Lille, France, could be provided upon request

Report number FSR-IPL 120603 made by Institut Pasteur de Lille, France, could be provided upon request

# TECHNICAL DATA

**designation:** 423

**specific features:** anti-mosquito

**color:** transparent rusty orange

**packaging:** clear protection film

**marking:** STOP-INSECT

EXP 11 2014



ARTICLE CODE	WIDTH (MM)	THICKNESS (MM)	LENGTH (M)	PALLETIZATION
L423B0150020050	150	2	50	20
L423B0200020050	200	2	50	40
L423B0300030050	300	3	50	35
L423R0203018050	200	2 (RIBBED)	50	36
L423R0305028050	300	3 (RIBBED)	50	24
P423B1500070020	1500	7	20	4
P423B1500100020	1500	10	20	2

Other sizes could be provided upon request.

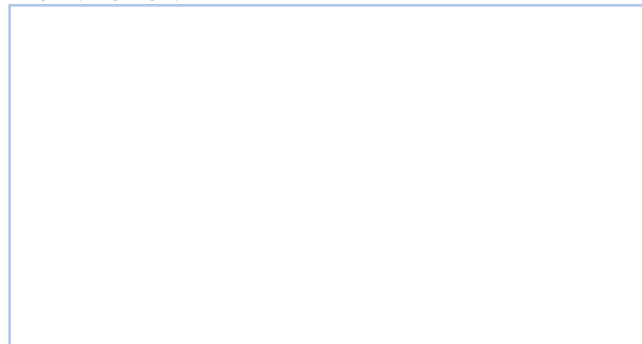
# /// APPLICATIONS

Houses, shops, warehouses, schools, supermarkets, public areas, hospitals, etc.





#### DISTRIBUTOR



[www.extruflex.com](http://www.extruflex.com)



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