



stilolinea®
WRITING INSTRUMENTS SINCE 1972



ANTIBACTERIAL LINE

The only pen
with ZINC IONS



The **STILONEA®** line of **ANTIBACTERIAL** pens is the **UNIC one**, offered on the promotional market, made with certified materials for safety and treated with a new patented static bacteriological technology, **based on ZINC IONS**, which creates a hostile environment for bacterial proliferation.

This technology:

- **does not contain biocides**;
- **fights bacterial growth** on plastic material through a patented solution with Zinc ions (natural trace elements);
- **uses a natural active principle** of Zinc-ions to fight bacterial infections;
- **guarantees a duration of bacteriostatic effect equal to the life of the product**, resisting abrasion, water and ultraviolet rays and therefore its effectiveness constantly remains on the products.

The uniqueness of this product is given by the use of **trace elements that make the treatment totally natural** and therefore completely harmless for both human health and the environment.

MAIN DIFFERENCES COMPARED WITH THE OTHER ANTIBACTERIAL PENS



The action of the other antibacterial pens, present on the market, is based on the **use of biocides**, particles or nano-particles of Silver or substances toxic for bacteria, which **can be used only in minimal quantities**.

Any type of biocide, including Silver, has its own level of acceptability, beyond which the biocide is particularly harmful to human health, even if only through skin contact.

The most widespread, the metallic Silver (ions, nano-particles, colloidal, etc.) presents potential toxicity even for the simple epidermal contact. Its dangerousness depends on the quantities used and on the frequency of use, but its risk component remains undoubted.

Furthermore, the antibacterial action of the Silver decreases over time due to air oxidation, a specific characteristic of the Silver itself.



Through official micro-Biology tests and regulated by specific standards, the additive supplier is able to demonstrate the bacteriostaticity of the treated plastic compared to the untreated one, through the inoculation of gram-positive and gram-negative bacteria:

- after 24 hours, the bacteria grew exponentially on the surface that was NOT treated.
- **on the treated surface the bacteria have decreased** (on average by 90%), demonstrating that the surface has a bacteriostatic behavior, ie it has the ability to oppose bacterial growth.



100% MADE IN ITALY



IPROTECT PEN WITH CARDBOARD CASE:

"iProtect" graphic, company logo placement in specific 40mmX22mm (h) box on the back.

Made of certified paper.

ANTIBACTERIAL LINE PACKAGING



CARDBOARD BLOCK WITH 100 - SHEET POST-IT WITH 1, 2 OR 3 IPROTECT PENS:

"iProtect" graphic, company logo and personalised promotional message placement.

Made of certified paper.



COUNTER DISPLAY:

"iProtect" graphic, company logo and personalised promotional message placement.

Promotional antibacterial pens supplied in flowpackaging.

Made of certified paper.



CARDBOARD DISPLAY FOR 24 UNITS:

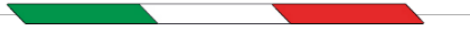
"iProtect" graphic, company logo placement.

Made of certified paper.





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WHY CHOOSING STILOLINEA ANTIBACTERIAL PENS?

In addition to being a **quality low cost marketing tool**, suitable to increase your visibility every day when your customers put down paper notes, drawings and details of their profession....

...iProtect offers a **small contribution in the fight against cross-infection**, contributing to safety of all people.

