

NIV: New Closure, Needleless Injection Vial Container



Haemopharm's NIV is a new closure for vial container for containing drugs or nutritional active principles with a hermetic seal, perforable with syringe needleless, which automatically closes again when the syringe is removed from the luer port. This device replaces the standard vials used with a normal syringe

with needle, using a needle-free connection on the vial seal. It assures a hermetic closure of the system, avoiding contamination of the vial contents and, at the same time, securing the operator by avoiding the use of a needle and an eventual pricking.

NIV has been tested in the laboratory for general performance results. It has been demonstrated that NIV is a mechanically and microbiologically closed system during and after multi-use. It can be used for multiple medication mixing, maintaining flexible, and hermetic capacities. It can and will be used for any product consisting in a vial (glass or plastic), which can contain any type of medical substance that needs to be extracted from the vial by a syringe, or solubilized in liquid and administered to the patient.

One of the main advantages of NIV is the minimization of the foam formation during drug reconstitution, assuring the correct drug dose to the patient and avoiding medication waste and overfilling. In addition, the reclosable seal avoids aerosol and back flow effect, preventing unwanted leakages of the drug or substance, critical in case of toxic drugs, which may harm the nurse or the patient.

NIV is made of a material that is compatible with many drugs and widely fits in the growing use of drug delivery systems for many applications, such as cancer treatment, antibiotics, clinical nutrition, and for many pharmaceutical companies, hospitals, and clinics.

Visit Haemopharm at Stand 2K47.

Bormioli Rocco Explores a New Field of Packaging

Counterfeiting can apply to both branded and generic products and it can result in damages to the brand identity, in loss of sales and in lawsuits.

Bormioli Rocco has anti-counterfeit packaging designed to ensure security and integrity of the product. With fundamental features especially in the pharmaceutical industry, this system tackles efficiently the phenomenon of counterfeiting drugs: a security taggant is incorporated in the packaging, ensuring full control of the drugs along the whole supply chain, customer safety, and brand integrity.

The packaging (and thus the product) can be checked: a specific laser pen shows a green light when security taggant is detected, revealing if the packaging is authentic or counterfeit and allowing detection if the drug is genuine or fake.

Moreover, this solution is versatile: it can be incorporated into different types of packaging (e.g. CRC, bottles) and offers different levels of customization of the taggant.

Its performances are especially maximized when used on child-resistant closures, thanks to the combined action of the safety features of the closure.

More than 900 employees work at Bormioli Rocco B.U. Pharma which operates five manufacturing plants dedicated to the pharma packaging production and six furnaces for moulded and tubular glass production.

Visit Bormioli Rocco at Stand 2D55.

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- 01** Demand for pharmaceutical products in Brazil grows approximately 10% per year
- 02** Brazil still relies on foreign raw materials and imports more than 2 billion dollars worth of active pharmaceutical ingredients per year
- 03** The pharmaceutical industry in Brazil has increased its production by 50% within 5 years

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*Source: worldpharmaceuticals.net
**IMS Market Progress Latin America 2012-2016

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- ✓ **Vladimir Krasnikov**, General Director, Pharmalicensing, Russia
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