

Innovation for all

AGUETTANT® PRE-FILLED SYRINGE



| A NEW GENERATION OF READY-TO-USE PRE-FILLED SYRINGE |



AGUETTANT
working with you everyday

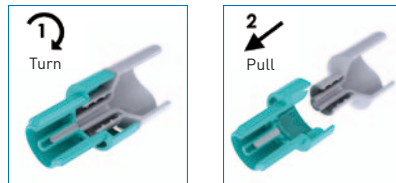
At the cutting edge of innovation

Aguettant's polypropylene pre-filled syringe features two patented technical innovations: its revolutionary opening system and its optimized stopper sterilization. Aguettant makes it now possible to introduce cost-effective Pre-Filled Syringes in the world.

Two major technical innovations

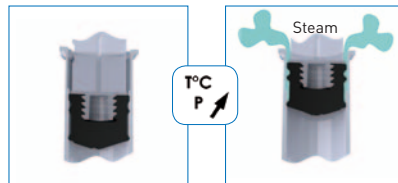
→ Opening system:

- **STABILITY:** the system consists in a frangible obturator and a protective cap. Only two materials are in contact with the solution thus reducing extractables and leachables
- **INTEGRITY:** the frangible obturator guarantees the syringe integrity
- **STERILITY:** the protective cap prevents the contamination of the Luer Lock while opening and keeps the connection sterile until use



→ Sterilization of the stopper:

- **ATTRACTIVE COST DESIGN:** due to the innovative design of the syringe's barrel, the steam sterilization of the inner lips of the stopper is optimized in a most cost effective manner. No need to use the nest barrel packaging. Bulk components are available with this design.



Features

Polypropylene highlights

- **Pharmaceutical grade**
- **Scratch-resistant, shatter-proof and unbreakable**
- **Wider design capacities such as the back stopper and innovative sterilization system**
- **Compatible with sterilization at 121°C**
- **Suitable for bulk packaging**

Aguettant's PFS*

- **Currently available in 5 ml and 10 ml volumes**
- **Compatible with standard syringe pumps**
- **Meets the highest PFS* international standards**
- **Sterility guaranteed inside and outside through a terminal sterilization process and semi rigid blister pack**

Benefits:

→ For health-care professionals and patients:

- Aguettant's syringe comes sterilized in a blister pack ready to use in the sterile field of the operating room
- Perforated label provides tamper-evidence of the opening system
- Improved readability provided through clear identification two-part label
- Needle free and secure connection with Luer Lock
- Smooth plunger rod glide

→ For the pharmaceutical industry:

- Patented internationally
- Commercially proven product
- Product packaged as a PFS* per customer specifications
- Pharmaceutical/technical assistance for product development
- Bulk supply of ready-to-sell syringe and parts

→ For the environment:

- Low weight makes waste elimination easier
- Reduces waste related to medical supplies traditionally associated with syringe preparation

*PFS: Pre-Filled Syringes

A patented concept:
WO 2007/028876
WO 2007/083034



Solutions for preserving life

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