



Products & Capabilities

EZ-fill® Syringes

Glass and Polymer Solutions



Clean, Sterilized Glass containers ready to be filled

Stevanato Group offers the broadest choice in terms of syringes, designed around the latest technology available.

We can offer a wide range of washed, siliconized and pre-sterilized EZ-fill® syringes systems, providing the ideal solution for your market needs.



Different performance levels. Consistent performance.

• Fina® Syringe

The Ideal Performance Level According to Your Needs

Preferred market choice



Small molecules



WFI/Diluent



Anti-coagulants

Benefits at a glance

- Highly customizable solution
- Wide range of available formats
- Quality consistency at scale

• Nexa® Syringe

Optimized for high-value sensitive injectables

Preferred market choice



GLP-1



Biologics



Vaccines

Benefits at a glance

- Proven compatibility with auto-injectors
- Consistent gliding and injection force
- Ultra-low tungsten and glue residuals
- Enhanced cosmetic quality

• Alba® Syringe

Breakthrough solution for biologics

Preferred market choice



Protein-based therapeutics



Ophthalmic applications

Benefits at a glance

- Subvisible and visible particles reduction
- Optimized break-loose and gliding performance
- Reduction risk of stalling and injection time variation
- Inorganic extractable mitigation

SYRINGE PORTFOLIO

| PRODUCT LINE | ML | Staked Needle | | Luer | | |
|--------------|--------------|---------------|----|---------|-----|-----|
| | | RNS | NS | TIP CAP | OVS | ITC |
| Fina® | 0.5mL | ● | ● | | | |
| | 1mL long | ● | ● | ● | ● | ● |
| | 1mL standard | ● | ● | ● | ● | ● |
| | 1.25mL | | | ● | | ● |
| | 1.5mL | | | | ● | ● |
| | 2.25mL | ● | ● | ● | ● | ● |
| | 3mL | | | ● | ● | ● |
| | 5mL | | | ● | | ● |
| | 5mL bypass | | | | | ● |
| Nexa® | 1mL long | ● | ● | | | ● |
| | 1mL standard | | | | | ● |
| | 2.25mL | ● | ● | | | ● |
| | 3mL | ● | | | | |
| Alba® | 0.5mL | | | | ● | ● |
| | 1mL long | ● | | | ● | ● |
| | 2.25mL | ● | | | ● | ● |
| | 3mL | | | | | |

● Available ○ Under development ● Upcoming



Packaging

Syringes are delivered in Nest and Tub configuration, in steribag compatible with EtO sterilization



PREFERRED CLOSURES AND FORMULATIONS

Staked Needle (RNS)

| SUPPLIER | FORMULATION |
|--------------|-------------------------|
| Aptar Stelmi | 4800 GS ^(LF) |
| | 4900 GS ^(LF) |
| Datwyler | FM30 ^(LF) |
| West | 7028/55 ^(LF) |
| | 7025/65 ^(LF) |
| | 7028/55 ^(LF) |

Luer Lock (TC)

| TIP CAP |
|-------------------------|
| |
| FM30 ^(LF) |
| FM480 ^(LF) |
| 7025/65 ^(LF) |
| 7028/55 ^(LF) |

Needle configuration

- Needle size 22 - 29 G.
- Needle length from 8 mm to 25.4 mm (1").
- Multi bevel needle.
- Special Thin-Wall (sTW) needle: 25G, 27G and 29G ½" 5B
- Short needle (8mm) 27G sTW

Additional Features

- 10x10 nest configuration for 1mL long.
- E-Beam packaging.
- Double steribag packaging.
- Plastic box.

SPECIAL THIN-WALL (STW) NEEDLE

Addressing the Rise of Highly Concentrated Drugs for an Enhanced Injection Experience

| Available Gauges | Thin Wall | Special Thin Wall |
|------------------|---|---|
| 25G |  |  |
| 27G |  |  |
| 29G |  |  |

NEEDLE INNER DIAMETER
INCREASES REDUCING WALL THICKNESS



SHORTENING THE
NEEDLE LENGTH

Pre-sterilized polymer syringes: Nexa Flex™

Nexa Flex™ polymer syringe, available both in COP (Cyclic Olefin Polymer) and COC (Cyclic Olefin Copolymer) material, is our latest addition to our existing portfolio, providing customers with the broadest choice of Pre-Fillable Syringes (PFS).

Extremely versatile cosmetic quality, a high degree of break resistance and glass-like transparency, Nexa Flex™ is the perfect answer when looking for polymer syringes.

Available from 1mL long¹ to 10mL, Nexa Flex™ is delivered in EZ-fill® nest & tub configuration and sterilized², making it compatible with the most established filling lines.

The molded Luer lock ensures extremely **strong resistance** whilst production in the injection molding process grants **precise dimensions**, thus delivering a best-in-class solution.

Moreover, its cross-linked silicone coating minimizes subvisible particles enhancing the compatibility with highly sensitive drugs.



¹ Other formats available upon request.

² EtO or Gamma sterilization

- **Nexa Flex™ Syringe**

The extremely
versatile polymer
solution

Preferred market choice



Sensitive
biologics



Intravenous
(contrast media)



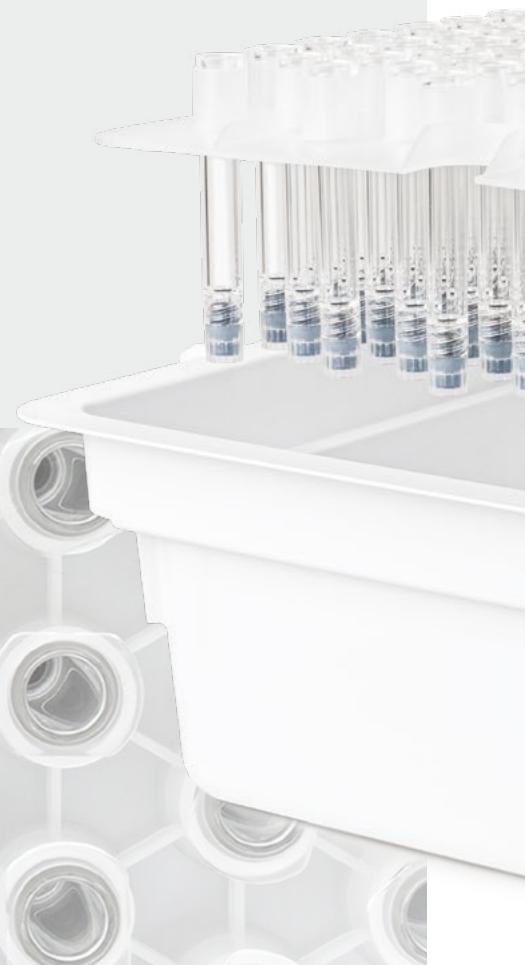
mRNA-based
applications



Highly viscous drugs
(hyaluronic acid)

Benefits at a glance

- Compatibility with highly sensitive drugs
- Enhanced gliding performance
- Ensured CCI in deep frozen storage conditions



Benefit from a proven process and established technology

By leveraging our established capacity, we will initially provide customers with samples and production batches of a solution that has already been validated in the market.

Features at a glance



Cross-linked silicone coating reducing interaction with drug



Proven Container Closure Integrity at -80°C



Available both in COP and COC materials to suit any requirement



Superior cosmetic quality to maximize efficiency along the entire customer process



Excellent mechanical properties



Luer lock as an integrated part



Screw cap closure



Add-on Components

The family of add-on components includes rubber plungers, backstops plunger rods.

SYRINGE PLUNGER FORMULATIONS AVAILABLE

| Supplier | Formulation |
|--------------|--------------------|
| Aptar Stelmi | 6422 |
| Datwyler | 6720 |
| West | FM257 |
| | FM457 |
| | FM457 + Neoflex |
| | PH701 |
| | 4023/50 |
| | 4432/50 |
| | 4023/50 + Flurotec |
| | 4432/50 + Flurotec |



Available in

- RTS or RTU.
- RTP packaging configuration.
- West Novapure.
- Other formulation upon request.

Plunger rods are fully compatible with EZ-fill® preffillable syringes components

Compatible with

- ISO11040-4 and ISO11040-6 syringes.
- High speed filling lines.
- Current sterilization methods.

Available in

- PP (compatible with Steam sterilization) or PS (no terminal sterilization).
- Various colors for product differentiation: standard or customized.
- Syringe: 0,5mL up to 5mL.

Special features

- That adapt to the plunger cavity design.
- Packed in simple PE bags and standard carton boxes.
- Molded under ISO 8 environment.



BACKTOPS

Mold

| MANUFACTURER | DESIGN | NAME |
|-----------------|---|----------|
| Stevanato Group |  | BS 0.5mL |
| Stevanato Group |  | BS 1mL |
| Stevanato Group |  | BS 1-3mL |

Compatible with

- Backstops compatible with round, small round or cut flanges syringes compliant with ISO11040-4 and ISO11040-6.
- Customized design.
- Assembly machine.

Packed

- In simple PE bags and Stevanato Group standard akylux boxes.

Molded

- Out of Stevanato Group tools under ISO 8 environment.



Headquarters
Via Molinella, 17
35017 Piombino Dese
Padova, Italy

**Global presence with operating units
and commercial offices in 10 countries.**

Visit our website to contact us.



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