



Products & Capabilities

# EZ-fill<sup>®</sup> Syringes

Glass and Polymer Solutions



Stevanato Group

MANAGING COMPLEXITY, DELIVERING VALUE



# 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

		Staked Needle		Luer		
PRODUCT LINE	ML	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	●	●			●
Alba®	3mL	●				
	0.5mL				●	●
	1mL long	●			●	●
	2.25mL	●			●	●

● 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)		Luer Lock (TC)
SUPPLIER	FORMULATION	TIP CAP
Aptar Stelmi	4800 GS <sup>(LF)</sup>	
	4900 GS <sup>(LF)</sup>	
Datwyler	FM30 <sup>(LF)</sup>	FM30 <sup>(LF)</sup>
		FM480 <sup>(LF)</sup>
West	7028/55 <sup>(LF)</sup>	7025/65 <sup>(LF)</sup>
	7025/65 <sup>(LF)</sup>	7028/55 <sup>(LF)</sup>

### 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 long<sup>1</sup> to 10mL, Nexa Flex™ is delivered in EZ-fill® nest & tub configuration and sterilized<sup>2</sup>, 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.



<sup>1</sup> Other formats available upon request.

<sup>2</sup> 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.

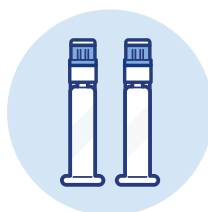
## Features at a glance



**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
	6720
Datwyler	FM257
	FM457
	FM457 + Neoflex
West	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® prefillable 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.



## BACKSTOPS

### 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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