

Product Catalogue



Small Volume SiO-free 0.2mL Syringe Luer Lock

Product Description

The Zero Residual™ Small Volume silicone-free 0.2mL syringe (injection needle not included) is a sterile, single-use syringe designed for low dead volume (LDV) applications. It is ideal for injecting small volumes and/or low doses as well as aspirating fluids from vials and ampoules.

This product has undergone additional testing to confirm its suitability for storing anti-VEGF drugs and related applications. All components and materials meet medical standards. The syringe is latex-free, sterile, pyrogen-free, and has been EtO sterilized.

For optimal low dead volume performance, it is recommended to use the Zero Residual™ syringe with a Zero Residual™ injection needle. SJJ Solutions cannot guarantee optimal LDV when used with needles from other manufacturers.

Description	Minimum Graduation	Minimum dosage volume	Units per blister/box
0.2ml Luer Lock Syringe with Cap and Plunger Shield	0.005ml	0.05mL	1/100

Materials

Component	Material
Plunger	ABS (Medical grade Acrylonitrile Butadiene Styrene)
Barrel	PP (Medical grade PolyPropylene)
Piston	TPE (Medical grade Thermoplastic Elastomer)
Protective Cap	Polypropylene (PP)



Bubble Adapter

Product Description

The Bubble Adapter is designed for transferring medical fluids (e.g., medications, solutions) between one or more primary containers (e.g., ampoules) and a secondary container (e.g., syringe/syringes). Additional testing has confirmed its suitability for use with anti-VEGF treatments.

All components and materials of this product meet medical requirements after EtO sterilization. The device is latex-free, sterile, and pyrogen-free.

Compatible with all ZR syringes.

Description	Units per blister/box
Zero Residual™ Bubble Adapter Large, Sterile, Single use, Latex free	1/10

Materials

Component	Material
Body	Eastman Tritan™ Copolyester MX711 (PCTG)
Protection caps	Polypropylene

Sterilization:

Sterilized with EO gas in accordance with EN ISO 11135:2014.



Filter Needle

Product Description

The Sterile Blunt Fill Needle with a filter is designed for use with a syringe to draw up and dispense solutions, medications, and liquids. The integrated filter helps prevent particles from entering the syringe when withdrawing solutions from an injection vial.

The Blunt Fill Needle is not intended for patient injection.

It is commonly used for medications such as Eylea and Vabysmo.

SJJ Solutions offers three different variants of the filter needle, all of which are compatible with the Bubble Adapter.

The thinner the needle, the easier it is to aspirate the last droplet from the vial. However, a thinner needle is also more flexible, making it more prone to bending.

A higher gauge indicates a thinner needle.

Description	Units per blister/box
Blunt Fill Needle 18G × 1 ½" with 5 micron filter, Silicon-free	1/100
Blunt Fill Needle 23G × 1 ½" with 5 micron filter, Silicon-free	1/100
Blunt Fill Needle 25G × 1 ½" with 5 micron filter, Silicon-free	1/100

*23G and 25G filter needles are usually associated with SJJ solutions VEOS-system.

Materials

Component	Material
Needle Canula	SUS 304
Needle Hub	Polypropylene
Adhesive	Epoxy
Protective cap	Polypropylene
Filtering Membrane	Polypropylene filter

Sterilization:

Sterilized with EO gas in accordance with EN ISO 11135:2014.

Sterile packaged, single-use, Latex-free, silicone oil-free



Disposable Needles

Product Description

The Zero Residual™ Sterile Single-Use Injection Needle is designed with low dead volume (LDV/residual volume/dead space) to minimize medication waste.

For optimal low dead volume performance, it is recommended to use the Zero Residual™ single-use needle with a Zero Residual™ syringe. SJJ Solutions cannot guarantee optimal LDV when used with syringes from other manufacturers.

Every batch of Zero Residual™ Sterile Single-Use Injection Needles is tested according to DIN standards to ensure maximum sharpness and consistent quality in every batch.

A higher gauge indicates a thinner needle.

Description	Box (units)
Disposable Needle 30G×1/2" (13mm)	100
Disposable Needle 30G×3/8" (9mm)	100
Disposable Needle 33G×3/8" (9mm)	100
Disposable Needle 30G×5/8 (16 mm)	100

* When using Precivia®, we recommend our 30G x 16mm or 30G x 13mm needle to ensure sufficient depth of penetration in the eye.

Materials

Component	Material
Needle Canula	SUS 304
Needle Hub	Polypropylene
Adhesive	Epoxy
Protective cap	Polypropylene
Lubricant	Silicone Oil

Sterile packaged, single-use, Latex-free



Sterile Protective Cap for single use

Product Description

The Zero Residual™ (Luer Lock) Syringe Cap is a single-use cap designed to seal syringes. It can be used on both 0.2mL and 0.3mL Zero Residual™ syringes and ensures an air-free prefilled syringe when applied.

All components and materials meet medical requirements after EtO sterilization. The cap is latex-free, sterile, and pyrogen-free.

The syringe cap is available in packs of 10 or single packs, sterile packaged.

Material: Polypropylene (PP) (100%)

Description	Units per blister/box
Zero Residual™ Protective Cap, Sterile, Single use, Latex free	1/100 or 10/100

Sterile packaged, single-use, Latex-free, silicone-free



Accessories

Vial Holder

Handling

Anti-VEGF medications such as Eylea and Vabysmo come in small vials containing a small volume, making them very light in weight and prone to flipping over in the workspace. To prevent this, SJJ Solutions has developed a vial holder where vials can be securely placed in designated holes during the prefilling process.

Studies have shown that the number of doses per vial increases when vials, such as those containing aflibercept and faricimab, are stored in an upright position in the vial holders for at least two days before prefilling. This ensures that all medication settles at the bottom of the vial.

Disinfect with denatured ethanol (70%) before and after use, following GMP guidelines. This product is autoclavable.

Material: anodized aluminium.



Bubble Adapter Holder

Product Description

The holder can be used to securely position the Bubble Adapter during the prefilling process, ensuring stability and maintaining a sterile workspace.

Disinfect with denatured ethanol (70%) before and after use, following GMP guidelines.

This product is autoclavable.

Material: Stainless steel



Sterile Plunger shield for 0.2ml Syringe

Product Description

The Plunger Shield is designed to protect the syringe plunger after pre-filling, ensuring safe transport.

Plunger shields are sterile-packaged in packs of 10. To apply, press the plunger shield onto plunger shield connector on the back side of the syringe (the plunger side).

When removing the plunger shield, twist it off instead of pulling to prevent damage.

Material: PP (Polypropylen)

