

Stevanato Group EZ-fill® vials

Distribution agreement with Stevanato Group

January 2023

1

Stevanato Group EZ-fill® Platform | Product overview



Ready-to-use packaging designed to accelerate the drug development journey and to increase operational flexibility in Aseptic Filling

- ▶ EZ-fill® is the widest range of **pre-sterilized** (particulate cleaned, sterile, depyrogenated) **containers ready to be filled**
- ▶ EZ-fill® technology is a **well-established standard** in the industrial process for ready-to-use primary containment solutions
- ▶ EZ-fill® is the perfect packaging both **for small batches and industrial production**

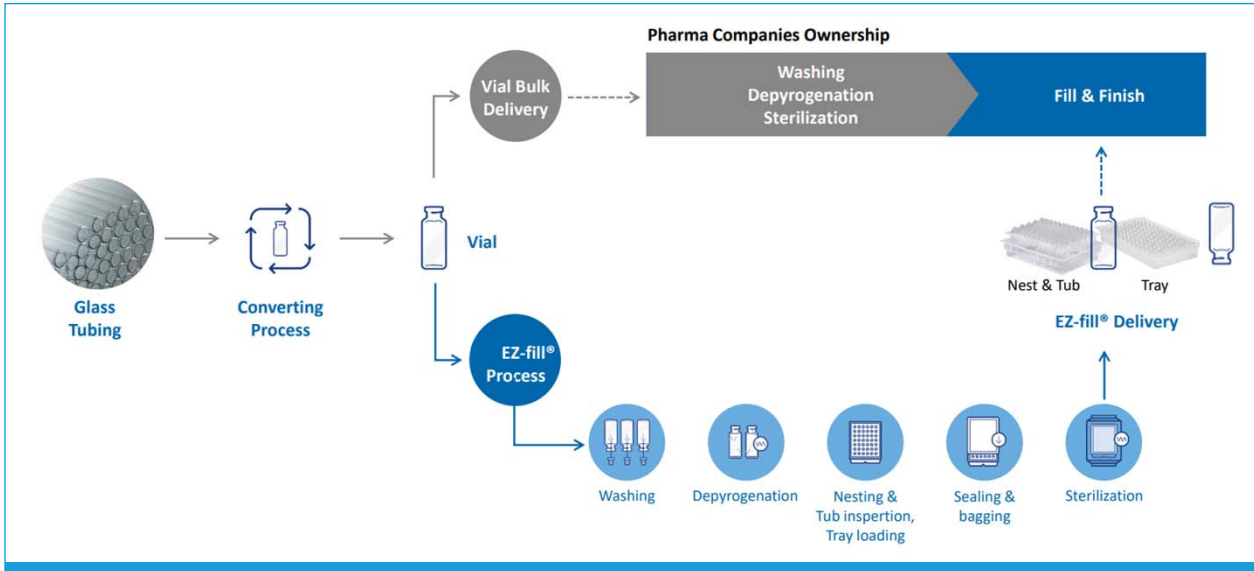


EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

2

2

Stevanato Group EZ-fill® Platform | EZ-fill® vs Vial Bulk workflow



3

Stevanato Group EZ-fill® Platform | Key benefits



Increased flexibility
EZ-fill® Vials are packed in Nest & Tubs or Partitioned Tray configurations, allowing for greater flexibility with fill & finish equipment



Increased Quality
No glass-to-glass contact maintains a high cosmetic quality during transportation, reduces glass to glass damage causing line stops and failures



Minimizes Total Cost of Ownership
Supplied Ready-To-Use (RTU), the vials eliminate investment in capital equipment, maintenance, validation, and cleanroom space required for in-line vial processing



Reduced time to market
Used from development to commercialization packaged in Nest & Tub and Partitioned Tray configurations



EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

4

Stevanato Group EZ-fill® Platform | Adoption



EZ-fill® is the industry's most established choice for pre-sterilized containers



250

Filling and Finish machines

80

Machine models

30

Machine producers

EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

5

5

Stevanato Group EZ-fill® Vial | product configuration



Two different configurations to support your specific need

Partitioned Tray



- ▶ Manual filling at laboratory scale
- ▶ Industrial filling line RTU vials according to existing process (manual/automatic)

Nest & Tub



- ▶ Manual filling at laboratory scale
- ▶ Configuration to fill vials, cartridges, syringes with a unique filling machine (combi lines)

EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

6

6

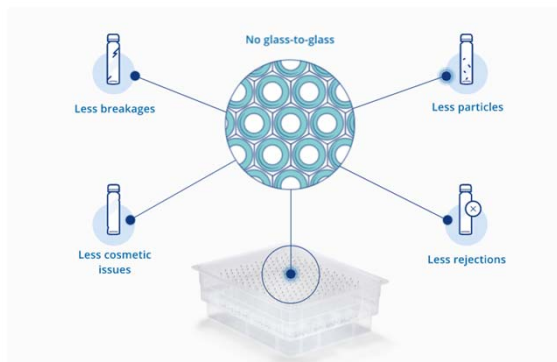
Stevanato Group EZ-fill® Vial | product configuration



No glass-to-glass secondary packaging

To preserve cosmetical, mechanical and microbiological properties

- ▶ EZ-fill® provides the maximum safety during the transportation phase and in the buffering/in-feeding operations.
- ▶ No glass-to-glass contact is assured through the separation of all containers in the secondary packaging



EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

7

7

Stevanato Group EZ-fill® Vial | Partitioned Tray



Advantages of EZ-fill® Partitioned Tray



EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

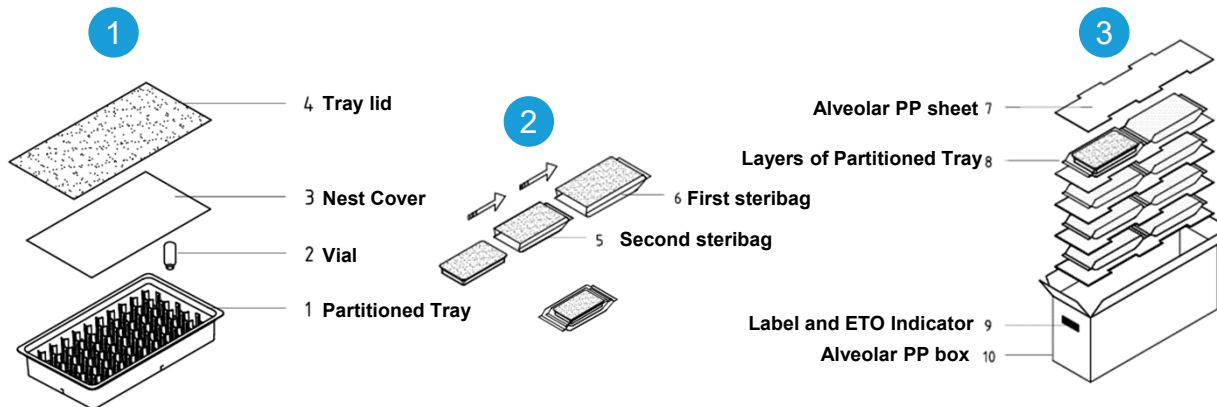
8

8

Stevanato Group EZ-fill® Vial | Partitioned Tray



Primary packaging scheme



EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

9

9

Stevanato Group EZ-fill® Vial | Partitioned Tray



Formats availability



Size	Diameter	Height	Finish	Pcs/Tray	Tray/Case	Pcs/case
2R	16mm	35mm	13mm	228	10	2.280
4R	16mm	45mm	13mm	228	10	2.280
6R	22mm	40mm	20mm	96	10	960
10R	24mm	45mm	20mm	96	10	960
20R	30mm	55mm	20mm	60	8	480

Tray rotation tool for vial reorientation (neck down to neck up) available on request

EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

10

10

Stevanato Group EZ-fill® Vial | Nest & Tub

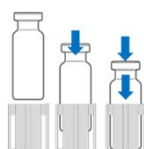


Advantages of EZ-fill® Nest & Tub

Mechanical Support of Glass Containers

Mechanical support from the bottom

- ▶ No stresses generated on glass
- ▶ Possibility of removal and re-insertion of the container on the same secondary packaging without risks or waste of product
- ▶ No particle generation due to friction



Plunger can enter and extract the vial pushing the bottom

EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

11

11

Stevanato Group EZ-fill® Vial | Nest & Tub



Advantages EZ-fill® Nest & Tub

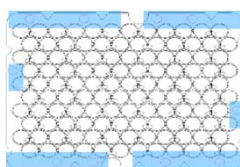
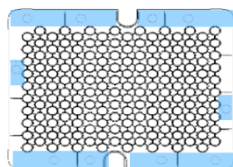
Nest keeps equivalent handling points
Consistent nest lift engagement location



Nest for PFS
160 pcs



Nest for Vials
120 pcs



Key advantages

- ▶ Standardizes operation across all vial capacities (reduces change over)
- ▶ Number of Containers in the nest is optimized
- ▶ Dedicated space for automatic handling is guaranteed

EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

12

12

Stevanato Group EZ-fill® Vial | Nest & Tub

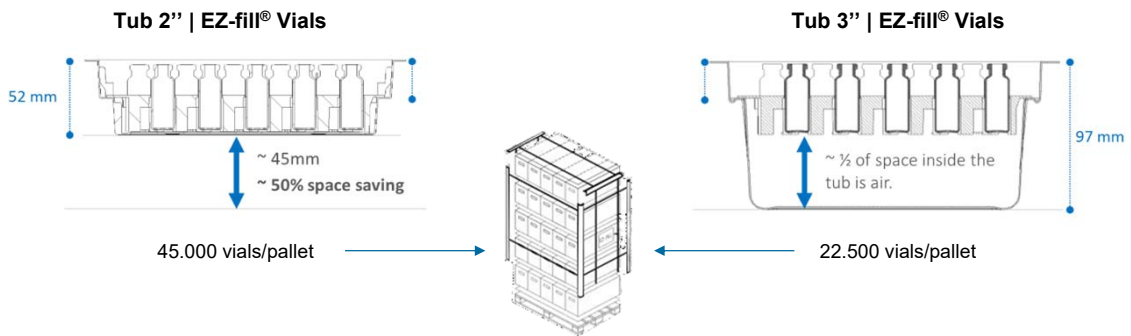


Advantages of EZ-fill® Nest & Tub

Optimized tub dimensions

Key advantages

- ▶ Standardizes operation across all vial capacities (reduces change over).
- ▶ Validated to the widest range of aseptic fill lines.



EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

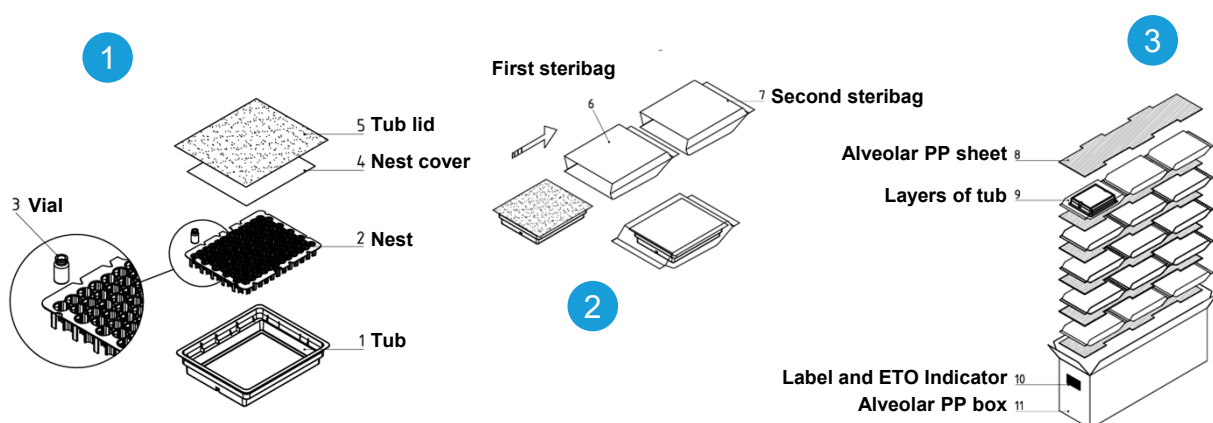
13

13

Stevanato Group EZ-fill® Vial | Nest & Tub



Primary packaging scheme



EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

14

14

Stevanato Group EZ-fill® Vial | Nest & Tub



Formats availability



Size	Diameter	Height	Finish	Tub Height	Pcs/N&T	Nest/Case	Pcs/Case
2R	16mm	35mm	13mm	2"	120	15	1.800
2R	16mm	35mm	13mm	3"	100	15	1.500
4R	16mm	45mm	13mm	2"	120	15	1.800
6R	22mm	40mm	20mm	2"	48	15	720
10R	24mm	45mm	20mm	2"	48	15	720
20R	30mm	55mm	20mm	3"	24	15	360

15

15

Stevanato Group EZ-fill® Platform | Accessories



DWK compliments EZ-fill® vials with a comprehensive selection of RTU closures providing a complete container solution to simplify planning and inventory management of critical packaging components.



STOPPERS

- ▶ Straight plug and Igloo Stoppers
- ▶ RTU formats
- ▶ Small and large pack quantities
- ▶ Bromobutyl, Chlorobutyl
- ▶ Fluoropolymer and Silicone Coated



ALUMINUM SEALS

- ▶ Flip off, other options
- ▶ RTU formats
- ▶ Small and large pack quantities
- ▶ Ported bag options
- ▶ Blue & Red, other color options



RAYDYLYO® SNAP CAPS

- ▶ RTU Nested & Bag formats
- ▶ Pre-assemble with choice of stopper
- ▶ Small and large pack quantities
- ▶ Ported bag options
- ▶ Blue & Red, other color options

EZ-fill® is a registered trademark of Stevanato Group and/or its affiliates in one or more jurisdictions

16

16



Excellence in your hands