

SG EZ-fill[®] Vials and Cartridges





Clean, sterile, depyrogenated glass containers ready to be filled

SG EZ-fill® is the widest range of clean, sterile, depyrogenated and ready to fill glass containers for pharmaceutical use. With a double configuration in nest & tub and tray, it is the only solution offering syringes, vials, and cartridges in a nest & tub format. Having the possibility to develop customized products according to your needs, SG EZ-fill® is the perfect packaging both for small batches and industrial production.



Advantages

Increased Flexibility

SG EZ-fill® allows the adoption of a unique fill&finish equipment for different packaging:

- Easy and fast change packaging/format in the same machine (vials, cartridges & syringes).

Minimizing Total Cost of Ownership

Reduction of investment on:

- Equipments (washing, WFI systems, tunnel).
- Workforce.
- Validation and maintenance.
- Space (Cleaning room).

Increased Quality

- No glass-to-glass contact during transport
- Particles reduction.
- High cosmetic quality.
- Increased mechanical resistance.
- Less operations steps: less risk of stops/failure.

Reducing Time-to-Market

- Same filling process during all the Development Process, using SG EZ-fill® from research to industrial phase.
- Filling Unit.

A Proven Process



Washing



Siliconization



Depyrogenation



Closure assembly



Nesting & Tub Insertion, Tray loading



Sealing & Bagging



Sterilization

VIALS

Nest & Tub*



FORMAT	DIAMETER Ø	HEIGHT	CRIMP FINISH	PCS
2R	16	35	13 mm	120
4R	16	45	13 mm	120
6R	22	40	20 mm	48
8R	22	45	20 mm	48
10R	24	45	20 mm	48
15R	24	60	20 mm	24
20R	30	55	20 mm	24
25R	30	65	20 mm	24
30R	30	75	20 mm	24

Tray



2R	16	35	13 mm	228
4R	16	45	13 mm	228
6R	22	40	20 mm	96
8R	22	45	20 mm	96
10R	24	45	20 mm	96
20R	30	55	20 mm	60
25R	30	65	20 mm	60
30R	30	75	20 mm	60
50R	40	73	20 mm	28

* Solutions also available for Dai-kyo Plascap application.

• SG Fina® and SG LDP (low delamination propensity) configurations available.

VIAL CONFIGURATION



- Standard
- Upside-down

CARTRIDGES

Nest & Tub



FORMAT	DIAMETER Ø	HEIGHT	FINISH	CONFIGURATION	PCS
1.5 ml*	8.65	56.95	7.15 mm	Pre-capped	100
2 ml*	11.6	46.0	7.15 mm	Pre-capped	100
3 ml*	11.6	62.3	7.15 mm	Pre-cap./Un-cap.	100
5 ml	22.05	46.0	13 mm	Pre-capped	42
20 ml	26.5	72.5	13 mm	Pre-capped	32

Tray



3 ml*	11.6	62.3	7.15 mm	Un-capped	220
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* SG Nexa® 3X configuration.

• The height refers to the glass cartridge without the assembled closure.

CARTRIDGE CONFIGURATIONS



Un-capped (no components, neck up and upside-down)



Pre-capped Cartridge (upside-down)

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