

Advanced Preservative Free^{Plus}



Dose volume: 50 µl to 140 µl

Closure



Snap-on
Size: 20 mm



Screw
Size: 18 mm

Accessory



Protection cap



Advanced Preservative Free^{Plus}



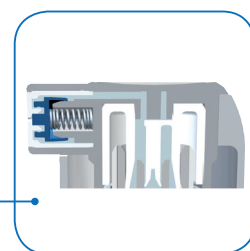


Advanced Preservative Free^{Plus}

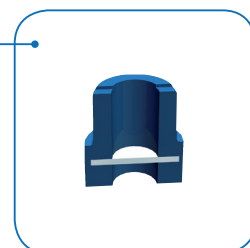
Gold standard for unpreserved sprays

Benefits

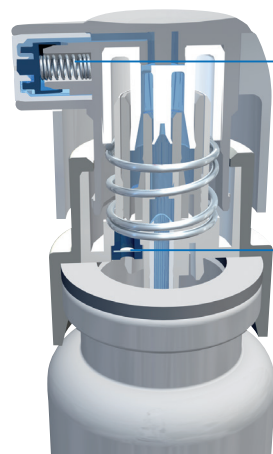
- Soft and gentle mist
- Metal free fluid path
- Sterile according to ISO11137
- Tip design prevents crystallization and clogging
- Purely mechanical barrier, no additives
- Supporting successful brands globally



- Spring loaded Tip-Seal mechanism



- Filter membrane in air flow



Qualified with challenging microbiological tests



TSIT
(Tip Seal Integrity Test)

Submersed actuation in *Pseudomonas aeruginosa* suspension



CVIT
(Closure Ventilation Integrity Test)

Closure and filter challenge with *Bacillus atrophaeus* spores

Full 360° Functionality

- Unvented preservative free system
- Pouch system allows for 360° use
- Convenient and intuitive handling

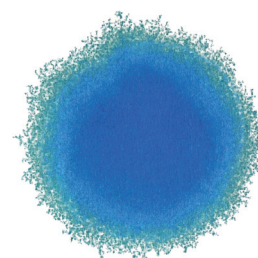
Outstanding Spray Performance

APF^{Plus} advantages

- Fine mist
- Round spray pattern
- Long and stable fully developed phase of spray



Standard spray pattern



APF^{Plus} spray pattern

