



Vial Inserts

Our vial inserts are made from the same Type 1 borosilicate glass as our vials and can be used for maximum sample extraction when handling micro volumes.

Bottom Design	Description
Flat Bottom	Flat Bottom inserts lay flat on the bottom of the vial.
Conical Bottom <i>(Pulled Point and Mandrel Point)</i>	Conical Bottom taper to a point. The bottom point rests on the bottom of the vial. The manufacturing process of Pulled Point inserts creates the taper, while creating a flat surface inside the point. The manufacturing process of Mandrel inserts creates the taper, while creating a conical surface inside the point.
Conical Bottom with Bottom Spring	A PP Bottom Spring can be attached to both Pulled Point Conical Bottom inserts and Mandrel Conical Bottom inserts, in glass or in plastic. This spring helps center the insert inside the vial and protects the autosamplers' needle from impact with the insert.

Limited-volume inserts are an economical way to reduce the use and waste of solvents in small samples. AFP's conical bottom inserts provide the smallest dead volume, and are a good choice for minimizing sample loss. Polypropylene bottom springs are attached to conical bottom inserts to help center the insert inside the vial and to protect the autosampler needle. AFP also offers flat bottom inserts that are very economical and are often a viable option for limited sampling.

Description	Part No.
250 µL Clear Insert with Bottom Spring for Large Opening 1.8 mL Vials Pkg. 100	CI-100000
250 µL Clear Insert with Flat Bottom for Large Opening 1.8 mL Vials Pkg. 100	CI-100001
250 µL Clear Insert with Bottom Spring for Large Opening 4.0 mL Vials, Deactivated, Pkg. 100	CI-100004
250 µL Clear Insert with Flat Bottom for Large Opening 4.0 mL Vials, Deactivated, Pkg. 100	CI-100005
300 µL Clear Insert with Bottom Spring for Large Opening 4.0 mL Vials, Pkg. 100	CI-100002
500 µL Clear Insert with Flat Bottom for Large Opening 4.0 mL Vials, Pkg. 200	CI-100003



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