

Accuracy and Precision

Unsurpassed Accuracy and Precision, Guaranteed

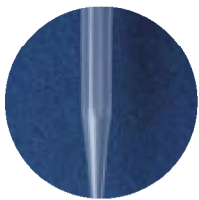
Guaranteed accuracy and precision are a function of both pipette and tip performance. Based on published specifications, the Hamilton SoftGrip™ pipette delivers the best overall accuracy and precision versus any other pipette brand. The SoftGrip pipette and Hamilton AdvanTip™ Precision Pipette Tips create a liquid handling system designed for optimal performance. Ensure you are getting the Hamilton accuracy and precision advantage by using only Hamilton AdvanTip Precision Pipette Tips.

Hamilton SofTouch™ electronic pipettes offer the highest level of accuracy and precision by making piston movements consistent from one user to the next. The self-calibrating, microcomputer-controlled pipette automatically aspirates, dispenses, and performs the blowout step based on the selected program. User-to-user variability is eliminated for better reproducibility. Hamilton AdvanTip Precision Pipette Tips are recommended for use with SofTouch electronic pipettes.

High Quality Tips for High Performance

There are several key pipette tip features that are critical to accuracy and precision. Hamilton AdvanTip Precision Pipette Tips are manufactured to the exacting standards required to meet accuracy and precision specifications.

Critical Features for Pipette Tips



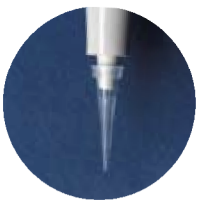
Clean Hydroscopic Surfaces

Hamilton tips are made from chemically resistant, virgin polypropylene to ensure excellent clarity and smooth surfaces



Absence of Flash (plastic burrs)

The presence of flash can severely diminish accuracy and precision, particularly at the tip orifice. Hamilton prevents flash with stringent specifications and tolerances for our precision tooling.



Consistent Geometry and Dimension

Uniform orifice geometry gives consistent drop size and less liquid retention. The tip cone geometry and dimensions are designed for a perfect fit.

The Difference is in the Quality

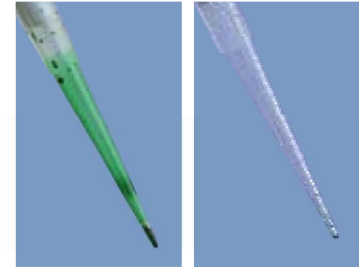
There can be tremendous differences in various pipette tips on the market that can affect the quality of precise fluid measurement. Using Hamilton AdvanTip Precision Pipette Tips guarantees maximum accuracy and precision performance.

AdvanTip™ LT Tips - The Ultimate in Accuracy and Precision

- Maximum recovery of valuable samples and reagents
- No secondary chemicals or additives
- Consistent results, no sample leaching
- Highest accuracy and reproducibility
- Certified RNase, DNase, and pyrogen safe

New AdvanTip LT pipette tips virtually eliminate any retention of valuable samples and reagents. Unlike standard polypropylene products, the wall surfaces of AdvanTip LT tips are completely free of occlusions and cavities. This is achieved through a modification to the polypropylene resin combined with the use of ultra smooth, diamond polished moulds.

No secondary chemicals such as silicone or other substances are added, eliminating the possibility of sample leaching and performance inconsistencies. Tips are ideal for use in critical applications such as quantitative PCR®, where the target DNA is present in very small quantities. The maximum volume of enzymes or DNA can be transferred during testing procedures, reducing expensive reagent cost.



Universal AdvanTip™ LT and Precision Pipette Tips

AdvanTip LT Pipette Tips – Low Retention Tips



10 µL Pipette Tips

Volume Range: 0.2-10 µL • Recommended for 2, 5, and 10 µL pipettes.

Description	Low Retention	Standard	Total Tips
10 µL, Bulk, 1000 tips/bag	23008-10		1000
10 µL, Bulk, Extended Length, 1000 tips/bag	23005-14	11005-14	1000
10 µL, Racked, 96 tips/rack	23006-01	11006-01	960
10 µL, Racked, Extended Length, 96 tips/rack	23003-15	11003-15	960
10 µL, Racked, Pre-Sterilized, 96 tips/rack	23003-01	11003-01	960
10 µL, Racked, Extended Length, Pre-Sterilized, 96 tips/rack	23003-25	11003-25	960
10 µL, Racked, Filter, Pre-Sterilized, 96 tips/rack	23003-02	11003-02	960
10 µL, Racked, Extended Length, Filter, Pre-Sterilized, 96 tips/rack	23003-26	11003-26	960
10 µL, Stacked Rack, 96 tips/rack, 5 racks/stack		11003-11	480



100 µL Pipette Tips

Volume Range: 2-100 µL • Recommended for 20, 25, 50, and 100 µL pipettes

Description	Low Retention	Standard	Total Tips
100 µL, Racked, Filter, Pre-Sterilized, 96 tips/rack	23003-10		960



200 µL Pipette Tips

Volume Range: 2-200 µL • Recommended for 20, 25, 50, 100, and 200 µL pipettes • Also, can be used with 300 µL pipettes when pipetting volumes of 200 µL or less.

Description	Low Retention	Standard	Total Tips
200 µL, Bulk, 1000 tips/bag	23008-20		1000
200 µL, Racked, 96 tips/rack	23006-03	11006-03	960
200 µL, Racked, Pre-Sterilized, 96 tips/rack	23003-03	11003-03	960
200 µL, Racked, Filter, Pre-Sterilized, 96 tips/rack*	23003-04	11003-04	960
200 µL, Stacked Rack, 96 tips/rack, 5 racks/stack		11003-05	480

* Not for use with 100 µL SoftTouch Pipettes. See 100 µL tips.



300 µL Pipette Tips

Volume Range: 2-300 µL • Recommended for 250 and 300 µL pipettes.

Description	Low Retention	Standard	Total Tips
300 µL, Bulk, 1000 tips/bag	23008-30		1000
300 µL, Racked, 96 tips/rack	23006-06	11006-06	960
300 µL, Racked, Pre-Sterilized, 96 tips/rack	23003-06	11003-06	960
300 µL, Racked, Filter, Pre-Sterilized, 96 tips/rack	23003-07	11003-07	960

Note: All tips are shown actual size.



1 mL Pipette Tips

Volume Range: 100-1000 µL • Recommended for 500 and 1000 µL pipettes.

Description	Low Retention	Standard	Total Tips
1000 µL, Bulk, 1000 tips/bag	23008-40		1000
1000 µL, Racked, 100 tips/rack	23006-08		1000
1000 µL, Racked, Pre-Sterilized, 100 tips/rack	23003-08	11003-08	1000
1000 µL, Racked, Filter, Pre-Sterilized, 100 tips/rack	23003-09	11003-09	1000

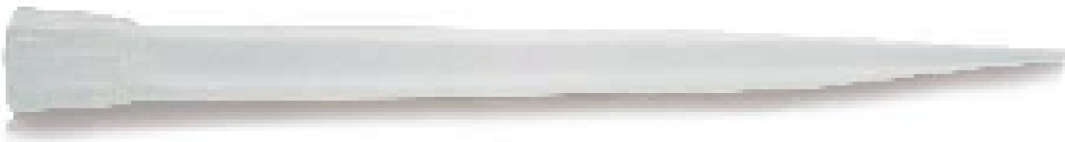
Macrovolume Pipette Tips



1200 µL Macrovolume Pipette Tips

Volume Range: 500-1200 µL • Recommended for 1200 µL SoftTouch® electronic pipettes.

Description	Low Retention	Standard	Total Tips
1200 µL, Racked, 96 tips/rack, 10 racks/box		11009-18	960



5 mL Macrovolume Pipette Tips

Volume Range: 100-5000 µL • Recommended for 5 mL SoftTouch electronic pipettes.

Description	Low Retention	Standard	Total Tips
5 mL, Bulk, 100 tips/bag		11009-10	100
5 mL, Racked, 50 tips/rack, 10 racks/box		11006-28	500

Note: All tips are shown actual size.



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