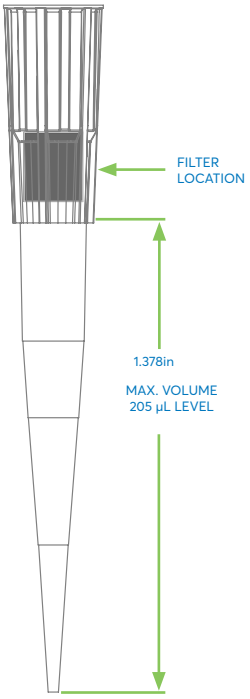
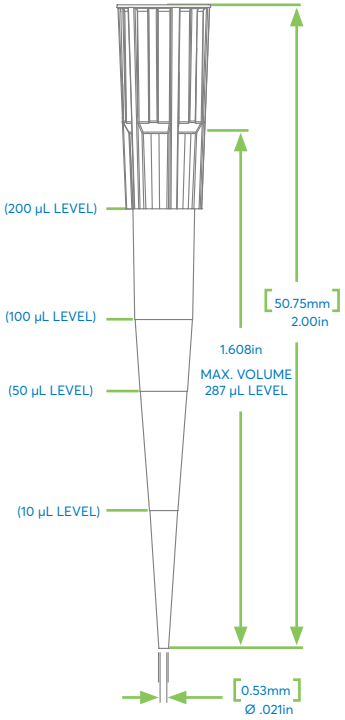
Technical data sheet

VWR® LTS™ COMPATIBLE PIPET TIPS, 200 µL & 250 µL

Description	Filter Pipet Tips	Non-Filter Pipet Tips			
Cat. No.	76322-160	76323-946	76323-938	76322-532	76322-174
Volume	200 µL	250 µL		250 µL	
Maximum Available Volume	205 µL	287 µL		287 µL	
Graduation Levels	10, 50, 100, 250	10, 50, 100, 250		10, 50, 100, 250	
Filtered	Yes	No		No	
Low Retention	Yes	Yes		Yes	
Pre-Sterilized	Yes	Yes	No	Yes	No
BioReady	Yes	Yes		Yes	
Material	Polypropylene	Polypropylene		Polypropylene	
Packaging Type	Racked	Racked		Reload	
Packaging	96 Tips/Rack, 10 Racks/Pack	96 Tips/Rack, 10 Racks/Pack		10 Refills/Pack, 5 Packs/Case	
Technical Drawings					

76322-160

76323-946

QUALITY TESTING

RNase/DNase	Products are washed in distilled water and concentrated via centrifugation. Samples are added to previously established nucleic acid standards, incubated for one hour at 37°C, and tested on a 2% gel using electrophoresis. Products must show no degradation of standards to pass. Test sensitivity is 10-7 Kunitz units/µL.
Nucleic Acid	Products are washed in distilled water and concentrated via centrifugation. Then, samples are added to protocol specified PCR reactions and thermal cycled for 50 cycles. A 2% agarose gel electrophoresis is used to examine experimental samples, positive controls, and negative controls. To pass, product samples must show no DNA amplification. Test sensitivity is 10ng.
Endotoxin/Pyrogen	Products are tested for endotoxins by using the Limulus Amebocyte Lysate (LAL) gel assay according to FDA guidelines. Test sensitivity is 0.06 EU/ml.
Trace Metal	Products are washed in distilled water. The sample is then tested using reflectometry using a single strip test for the following metals: Ca, Cu, Fe, K, Mg, Mn and Ni. Standard solutions are used as positive controls. A reader is used to detect metals to a sensitivity of 500 mg/L.
PCR Inhibitor	Products are tested via PCR amplification and gel electrophoresis analysis. Samples must show normal amplification to be considered free of PCR inhibitors.
Sterilization	Products are sterilized to 10^-3 sterility assurance level.
CV Test	Each lot is CV tested and the resulting CV is then printed on the pack label. The volume tested is equal to the maximum volume per tip size.

FEATURED PROPRIETARY TECHNOLOGIES

- Flexibility on the proximal end of tips dramatically minimizes the necessary insertion to make a secure seal
- Positive stop technology reduces ejection force on LTS™ Compatible Pipettors
- Exclusive polypropylene resin reduces sample retention without the risk of leaching or sample contamination
- Pipet tip technology designed to reduce the frequency of hanging droplets, increasing both accuracy and precision

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