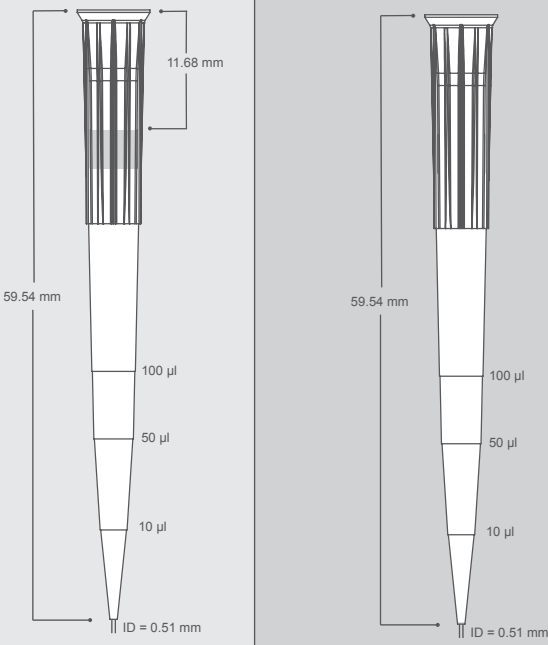




M-0300-9FC

**M-0300-9SC
M-0300-9RC**

Description	300 µl Filter Tip	300 µl Tip	
Biotix Part #	M-0300-9FC	M-0300-9SC	M-0300-9RC
Maximum Volume	300 µl	300 µl	
Graduation Marks	Yes	Yes	
Certified Pre-Sterile and Free of Key Contaminants	Yes	Yes	
Material	Clear polypropylene	Clear polypropylene	
Packaging	96 tips per rack, 10 racks per pack, 5 packs per case	96 tips per rack, 10 racks per pack, 5 packs per case	96 tips per card, 20 cards per pack, 5 packs per case or Tip Eject™
X-Resin™	Yes	Yes	
FlexFit™	Yes	Yes	
Blade™	Yes	Yes	
Delta Filter™	Yes	No	
Technical Drawings			



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 10 ng.
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 using electron beam irradiation.
CV Test	Each lot of Biotix product 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.
TIR-Total Indicated Runout	Biotix pipette tips are tested to ensure that they meet the SBS standards. Individual products specify their compatibility with 96, 384 or 1536-well plates.

Proprietary Technologies

FlexFit	Ergo design Patents Pending
X-Resin	Proprietary resin, virgin polypropylene
Delta Filter	Color change filter Patents Pending
Blade	Minimal distal end orifice Patents Pending

Pipettor Compatibility 300 μl

Biohit™ M100 & M200	CLP Poseidon Electronic™ 200 μl	Hamilton™ 25 μl, 100 μl, and 300 μl
Biohit Proline Plus™ 100 μl <i>(works with M-0300-9SC) and 200 μl</i>	Eppendorf Reference™ 200 μl	Nichiryo Nichipet EX™ 200 μl
Brand Transferpette S™ 200 μl	Eppendorf Research™ 100 μl <i>(works with M-0300-9SC), 200 μl, and 300 μl</i>	Nichiryo Oxford Multimate™ 300 μl
Brand Transferpette Electronic™ 300 μl	Eppendorf Research Plus™ 200 μl	Socorex Calibri 822™ 200 μl
Capp™ 50 μl, 100 μl, and 300 μl	Eppendorf Xplorer™ 300 μl	VWR Ergonomic High Performance™ 20 μl <i>(works with M-0300-9SC) and 200 μl</i>
CLP Beta-Pette™ 200 μl	Finnpipette™ 50 μl, 200 μl, and 300 μl	VWR Ultra High Performance™ 20 μl <i>(works with M-0300-9SC), 100 μl (works with M-0300-9SC), and 200 μl</i>
CLP Poseidon™ 50 μl <i>(works with M-0300-9SC), 100 μl, 200 μl, and 300 μl</i>	Finnpipette™ Electronic 300 μl	
	Gilson Pipetman™ P200	
	Gilson Pipetman Ultra™ U200	

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