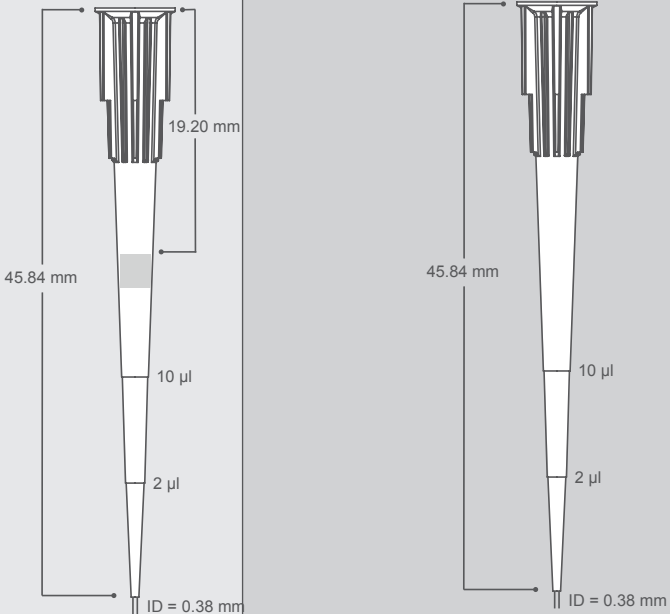




**M-0012-9FC**

**M-0012-9SC  
M-0012-9RC  
M-0012-9NRC**

Description	10 µl XL Filter Tip	10 µl XL Tip		
	M-0012-9FC	M-0012-9SC	M-0012-9RC	M-0012-9NRC
Maximum Volume	10 µl	10 µl		
Graduation Marks	Yes	Yes		
Certified Pre-Sterile and Free of Key Contaminants	Yes	Yes	Yes	No
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™	
Chem-Resin™	Yes	Yes		
FlexFit™	Yes	Yes		
Blade™	Yes	Yes		
Delta Filter™	Yes	No		
Technical Drawings				



## Quality Testing

<b>RNase/DNase</b>	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 <sup>-7</sup> Kunitz units/μl.
<b>Nucleic Acid</b>	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.
<b>Endotoxin/Pyrogen</b>	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.
<b>Trace Metal</b>	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.
<b>PCR Inhibitor</b>	Products are tested via PCR amplification and gel electrophoresis analysis. Samples must show normal amplification to be considered free of PCR inhibitors.
<b>Sterilization</b>	Products are sterilized using electron beam irradiation.
<b>CV Test</b>	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.
<b>TIR-Total Indicated Runout</b>	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

<b>FlexFit™</b>	<b>Ergo design</b> Patents Pending
<b>X-Resin™</b>	<b>Proprietary resin, virgin polypropylene</b>
<b>Chem-Resin™</b>	<b>Neutral surface tension for working with polar solvents and electronegative reagents.</b> Biologically inert with no contaminating extractables.
<b>Delta Filter™</b>	<b>Color change filter</b> Patents Pending
<b>Blade™</b>	<b>Minimal distal end orifice</b> Patents Pending

## Pipettor Compatibility 10 ul XL

Biohit Proline™ 10 μl	Eppendorf Research™ 2.5 μl and 10 μl	Hamilton™ 2 μl and 10 μl
Brand Transferpette S™ 10 μl	Eppendorf Research Plus™ 2.5 μl and 10 μl	Nichiryo Nichipet EX™ 10 μl
Capp™ 10 μl	Eppendorf Xplorer™ 10 μl	Nichiryo Oxford Benchmate™ 2 μl
CLP Beta-Pette™ 2 μl and 10 μl	Finnpipette™ 10 μl and 50 μl	Nichiryo Oxford Multimate™ 10 μl
CLP Poseidon™ 2 μl and 10 μl	Finnpipette™ Electronic 10 μl	Socorex Calibri 822™ 10 μl
CLP Poseidon Electronic™ 20 μl	Finnpipette F1™ 10 μl	VWR Ultra High Performance™ 2 μl and 10 μl
Eppendorf Reference™ 2.5 μl and 10 μl	Gilson Pipetman™ P2 and P10	

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