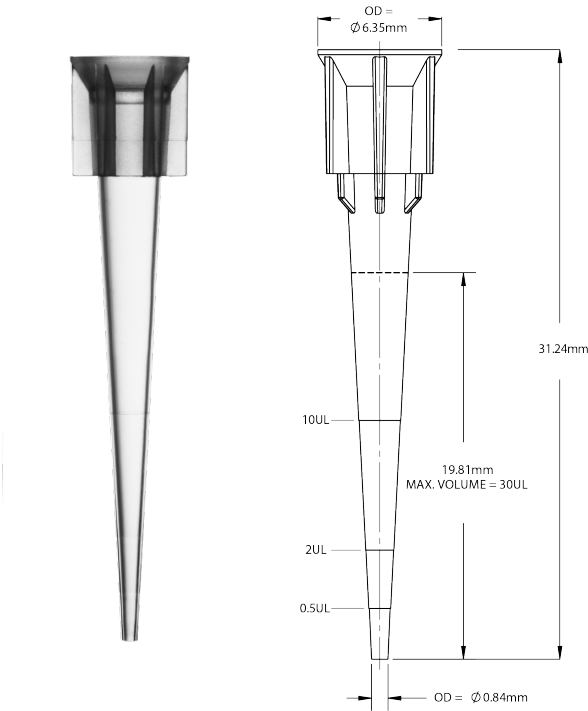
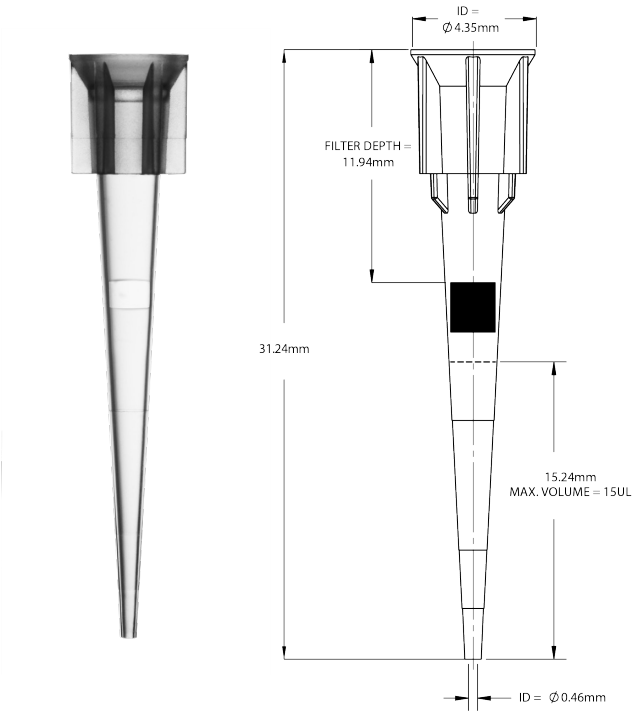


Series	BT10 Series 10 µl Barrier Tip	2040 Series 10 µl Micro Tip		
Part Number	BT10 BT10.N	2040 2040.N	2047 2047.N 2047.S 2047.NS	2042 2042.N 2042.S 2042.NS
Graduation Marks	Graduation marks are indicated at both 0.5 µl, 2 µl and 10 µl locations Refer to product image for visuals			
Tip Composition	Neptune pipette tips are made of virgin polypropylene			
Tip Type	S <sup>3</sup> - Low Retention			
Filter Material	High Density Polyethylene Filter	Non-Filtered Products		
Offered in Sterile Format	Yes	No	Yes	
Configuration	Racked	Bulk	ESP Reload	Racked
Packaging Breakdown	96 tips/ rack 10 racks/ pack 5 packs/ case	1000 tips/ bag 20 bags/ case	96 tips/ card 20 cards/ pack 4 packs/ case	96 tips/ rack 10 racks/ pack 5 packs/ case
Autoclavable	No	Autoclavable at 120 °C for 10-15 minutes at 15 PSI		
Storage Condition	Store in a clean, dry environment at room temperature 15-30 °C			

BT10 Series

2040 Series



# Product Specification Sheet

## Quality Control:

<b>Certificates of Compliance</b>	Each lot undergoes stringent inspection and individual lot testing ensures Neptune products are certified RNase, DNase, DNA and Endotoxin-free. Visit <a href="http://www.neptunescientific.com">www.neptunescientific.com</a> to obtain a copy of a certificate of compliance for your Neptune product.
<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 10-7 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>Sterilization</b>	Products are sterilized using electron beam irradiation.
<b>Traceability</b>	Each product contains a 5 digit lot number located on the rack, pack and case of each finished good. With Neptune's advanced manufacturing process all raw materials are able to be traced for maximum quality assurance.

## Advancements in Liquid Handling

<b>S<sup>3</sup></b>	Neptune's exclusive S <sup>3</sup> polymer was designed to increase pipetting accuracy by virtually eliminating tip retention and sample hold-up.
<b>ESP Reload</b>	Neptune's ESP (Environmental Sustainable Pack) was the industry's first pipette reload system designed to minimize plastic waste by 90% and provide an environmentally friendly solution.
<b>Aerosol Barrier Tip</b>	Specifically engineered to reduce cross contamination.

## Pipettor Compatibility:

Biohit Proline™ 10 μl  
 Brand Transferpette S™  
 10 μl Capp™ 10 μl  
 CLP Beta-Pette™ 2 μl and 10 ul  
 CLP Poseidon™ 2 μl and 10 ul  
 CLP Poseidon Electronic™ 20 μl  
 Eppendorf Reference™ 2.5 μl  
 (works with 2040 series)  
 Eppendorf Reference™ 10 μl  
 Eppendorf Research™ 2.5 μl  
 (works with 2040 series)

Eppendorf Research™ 10 μl  
 Eppendorf Research Plus™ 2.5 μl  
 (works with 2040 series)  
 Eppendorf Research Plus™ 10 μl  
 Eppendorf Xplorer™ 10 μl  
 Finnpipette™ 10 μl and 50 μl  
 Finnpipette™ Electronic 10 μl  
 Finnpipette F1™ 10 μl  
 Gilson Pipetman™ P2 and P10  
 Hamilton™ 2 μl and 10 μl  
 Nichiryo Nichipet EX™ 10 μl

Nichiryo Oxford Benchmate™ 2 μl  
 Nichiryo Oxford Multimate™ 10 μl  
 Socorex Calibri 822™ 10 μl  
 VWR Ultra High Performance™  
 2 μl and 10 μl