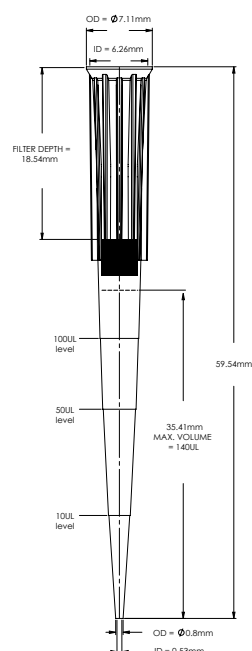


Series	BT100 Series 100 µl Barrier Tip
Part Number	63300748
Legacy REF Number	BT100
Graduation Marks	Graduation marks are indicated at 10 µl, 50 µl and 100 µl locations Refer to product image for visuals
Tip Composition	Neptune pipette tips are made of virgin polypropylene
Tip Types Available	S ³ - Low Retention
Filter Material	High Density Polyethylene Filter
Offered in Pre-Sterile Format	Yes
Configuration	Racked
Packaging Breakdown	96 tips/ rack 10 racks/ pack 5 packs/ case
Autoclavable	Autoclavable at 120 °C for 10-15 PSI
Storage Conditions	Store in a clean, dry environment at room temperature 15-30 °C

BT100 Series



Product Specification Sheet

Quality Control:

Certificates of Compliance	Each lot undergoes stringent inspection and individual lot testing ensures Neptune products are certified RNase, DNase, DNA and Endotoxin-free. Visit www.neptunescientific.com to obtain a copy of a certificate of compliance for your Neptune product.
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.
Sterilization	Products are sterilized using electron beam irradiation.
Traceability	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:

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

Pipettor Compatibility:

Biohit™ M100 and M200
 Biohit Proline Plus™ 200 μl
 Brand Transferpette S™ 200 μl
 Brand Transferpette Electronic™ 300 μl
 Capp™ 50 μl, 100 μl, and 300 μl
 CLP Beta-Pette™ 200 μl
 CLP Poseidon™ 50 μl, 100 μl, 200 μl and 300 μl
 CLP Poseidon Electronic™ 200 μl

Eppendorf Reference™ 200 μl
 Eppendorf Research™ 200 μl and 300 μl
 Eppendorf Research Plus™ 200 μl
 Eppendorf Xplorer™ 300 μl
 Finnpipette™ 50 μl, 200 μl and 300 μl
 Finnpipette™ Electronic 300 μl
 Gilson Pipetman™ P200
 Gilson Pipetman Ultra™ U200

Hamilton™ 25 μl, 100 μl and 300 μl
 Nichiryo Nichipet EX™ 200 μl
 Nichiryo Oxford Multimate™ 300 μl
 Socorex Calibri 822™ 200 μl
 VWR Ergonomic High Performance™ 200 μl
 VWR Ultra High Performance™ 200 μl