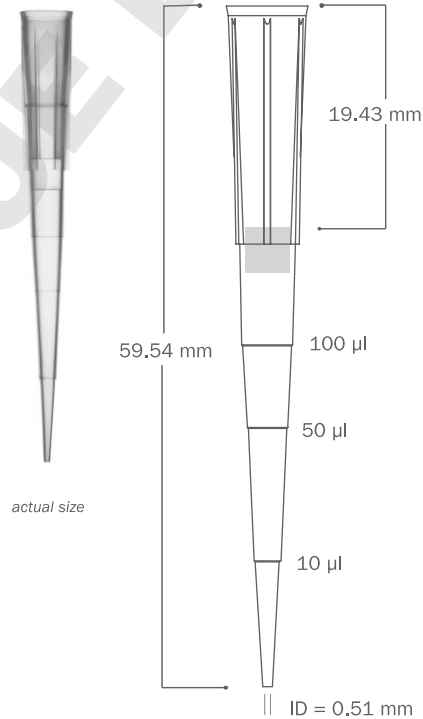


| Series                    | BT100 Series<br>100 µl Barrier Tip   |
|---------------------------|--|
| Part Number               | BT100  |
| Graduation Marks          | Graduation marks are indicated at 10 µl, 50 µl and 100 µl locations - refer to product image for details |
| Tip Composition           | Neptune pipette tips are made of virgin polypropylene  |
| Tip Types Available       | S <sup>3</sup> - Sample Saving Surface virtually eliminates sample hold-up                               |
| Filter Material           | High Density Polyethylene Filter   |
| Offered in Sterile Format | Yes  |
| Configuration             | Racked   |
| Packaging Breakdown       | 96 tips per rack<br>10 racks per pack<br>5 packs per case  |
| Autoclavable              | Autoclavable at 120° C for 10-15 minutes at 15 PSI   |
| Storage Conditions        | Store in a clean, dry environment at room temperature 15-30 °C   |

**BT100 Series**





### 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 <a href="http://www.neptunescientific.com">www.neptunescientific.com</a> 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 <sup>-7</sup> 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 <sup>3</sup>      | Neptune's exclusive S <sup>3</sup> polymer was designed to increase pipetting accuracy by virtually eliminating tip retention and sample hold-up.   |
| ESP Reload          | 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. |
| 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