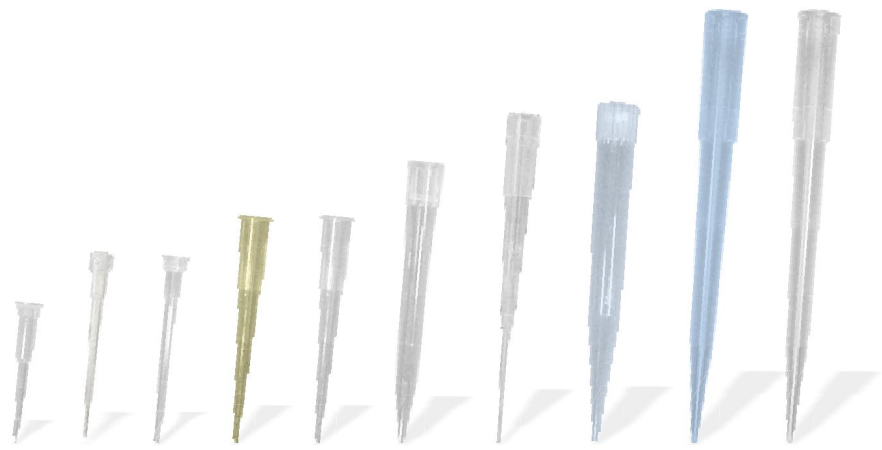
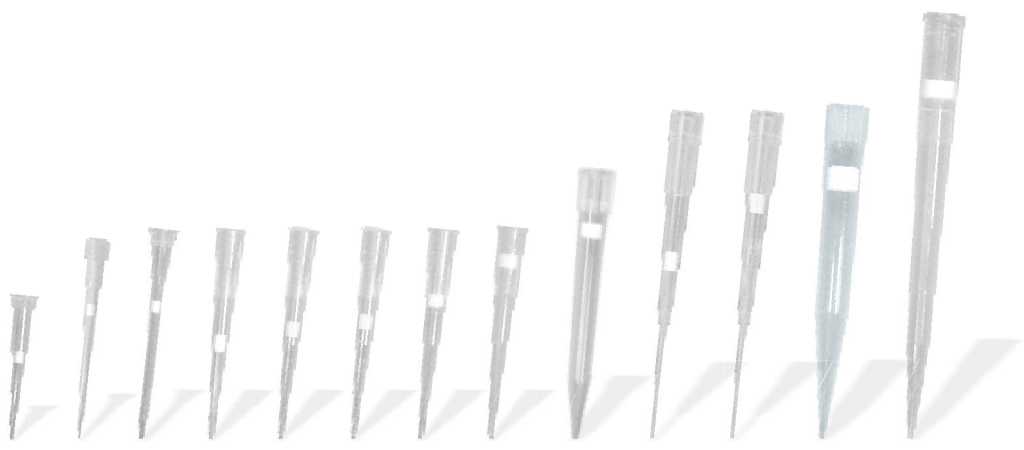


TIPS | FILTER TIPS



Top-Line® | Macro-Line® Tips 5-7



Top-Line® Filter Tips 8-10

Top-Line® Tips

Innovation for Science

Features



metal-free



- Secure fit and simple ejection of tip**
 Optimized cone geometry with wide sealing zone
- Quick and simple volume check**
 Graduation marks on tip
- Precise pipetting without loss of sample**
 Conical tip outlet prevents drop formation at the outlet opening of tip
- Elimination of risk of sample contamination**
 Tips manufactured from autoclavable, non-wettable, virgin polypropylene
- Maintain sample integrity**
 Available as sterilized version (by beta radiation)
- Available in bags or rackboxes**



AHN Rackbox-System

Specifications Top-Line® and Macro-Line® Tips:

General requirements
 CE-marking certificate

Sterility certificate
 RoHS Compliance certificate
 Environmental Management certificate
 USP-Plastic Test, Class VI, certificate
 Conformity testing certificate
 GMP/GLP certificate

ISO Standard 8655
 EU-Directive 98/79/EG, competent authority code DE/CA90
 EN 552/ISO 11137 and DIN EN 556
 EU Directive 2002/95/EC
 ISO Standard 14000 and ISO Standard 14001
 ISO Standard 10993
 DIN Standard 12600
 WHO Technical Report Series 908, 37. Report, Geneva2003



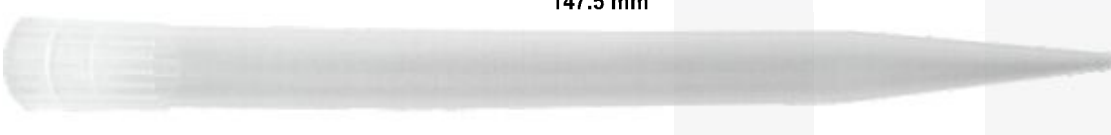
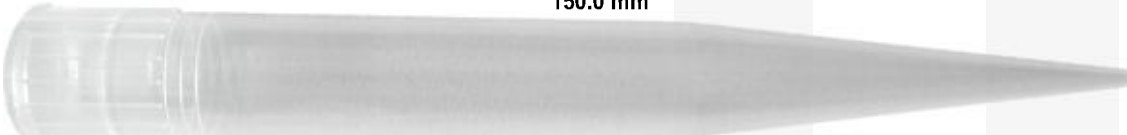
i Racks are made out of 98% AHN owned recycled material

Macro-Line® Tips

Specifications | Order Information

Innovation for Science

Macro Tips
Specifications | Order Information

| Tip | Tip Length | Cat. No. | Pack Type | Sterilized | Sales Unit |
|--|------------|--------------------------|------------|------------|------------------|
|  | 126.0 mm | 1-211-84-0 1-215-84-0 | Bag Bag | ■ | 8x250 8x250 |
|  | 126.0 mm | 1-210-84-0 1-214-84-0 | Bag Bag | ■ | 8x250 8x250 |
|  | 147.5 mm | 1-212-84-0 1-216-84-0 | Bag Bag | ■ | 8x250 8x250 |
|  | 150.0 mm | 1-213-50-0 1-217-50-0 | Bag Bag | ■ | 10x100 10x100 |



Compatibility of Macro-Line® Tips with pipet4u® Pipettes, see **Tips Compatibility AHN Pipettes**



CE IVD
metal-free
autoclavable
121° C | 20 min



Information correct at time of printing.

Top-Line® Filter Tips

Specifications | Order Information

Innovation for Science

Filter Tips
Specifications | Order Information

| Filter Tip | Tip Length | Cat. No. | Pack Type | Sterilized | Sales Unit |
|--|------------|--|---|------------------|---|
|  0.1-10 µl, clear Top-Line® Filter Tip | 34.1 mm | 2-000-70-0 2-000-96-0 2-001-70-0 2-001-96-0 | Bag 96-Rack Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 5 x 1000 10 x 96 |
|  0.1-10 µl XL, clear Top-Line® Filter Tip | 45.2 mm | 2-060-70-0 2-060-96-0 2-061-70-0 2-061-96-0 | Bag 96-Rack Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 5 x 1000 10 x 96 |
|  0.5-10 µl, cristal Top-Line® Filter Tip | 45.7 mm | 2-050-70-0 2-050-96-0 2-051-70-0 2-051-96-0 2-052-96-0** | Bag 96-Rack Bag 96-Rack 96-Rack | ■ ■ ■ ■ | 5 x 1000 10 x 96 5 x 1000 10 x 96 10 x 96 |
|  0.5-20 µl, cristal Top-Line® Filter Tip | 45.7 mm | 2-053-70-0 2-053-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  1-20 µl, clear Top-Line® Filter Tip | 50.8 mm | 2-114-70-0 2-114-96-0 2-124-70-0 2-124-96-0 | Bag 96-Rack Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 5 x 1000 10 x 96 |
|  1-30 µl, clear Top-Line® Filter Tip | 50.8 mm | 2-116-70-0 2-116-96-0 2-126-70-0 2-126-96-0 | Bag 96-Rack Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 5 x 1000 10 x 96 |
|  1-50 µl, clear Top-Line® Filter Tip | 50.8 mm | 2-111-70-0 2-111-96-0 2-121-70-0 2-121-96-0 | Bag 96-Rack Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 5 x 1000 10 x 96 |
|  1-100 µl, clear Top-Line® Filter Tip | 50.8 mm | 2-112-70-0 2-112-96-0 2-122-70-0 2-122-96-0 | Bag 96-Rack Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 5 x 1000 10 x 96 |
|  1-200 µl, clear Top-Line® Filter Tip | 50.8 mm | 2-113-70-0 2-113-96-0 2-123-70-0 2-123-96-0 | Bag 96-Rack Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 5 x 1000 10 x 96 |
|  30 µl, clear Top-Line® Gelloader Filter Tip | 67.0 mm | 2-130-96-0 2-131-96-0 | 96-Rack 96-Rack | ■ | 10 x 96 10 x 96 |
|  100 µl, clear Top-Line® Gelloader Filter Tip | 67.0 mm | 2-132-96-0 2-133-96-0 | 96-Rack 96-Rack | ■ | 10 x 96 10 x 96 |



Compatibility of Top-Line® Filter Tips with pipette Pipettes, see Filter Tips Compatibility AHN Pipettes



metal-free

autoclavable
121° C | 20 min



Information correct at time of printing.
** different tip design

Low Retention



metal-free



- Secure fit and simple ejection of tip**
 Optimized cone geometry with wide sealing zone
- Quick and simple volume check**
 Graduation marks on tip
- Precise pipetting without loss of sample**
 Conical tip outlet prevents drop formation at the outlet opening of tip
- Elimination of risk of sample contamination**
 Tips manufactured from autoclavable, non-wettable, virgin polypropylene
- Maintain sample integrity**
 Available as sterilized version (by beta radiation)
- Available in bags or rackboxes**



- No sample contamination from filter**
 Use of virgin high quality hydrophobic polyethylene filters without additives
- No pipette contamination**
 Restrains aerosols and liquids (vaporous, radioactive, biohazardous or corrosive samples) through micropore filter technology (MPS technology, filter pore size 8-10 µm)



- Maximum sample recovery**
Minimal sample loss
High-precision pipetting
 Innovative Low Retention surface



Specifications Premium-Line® Tips | Filter Tips:

General requirements
 CE-marking certificate










Sterility certificate
 RoHS Compliance certificate
 Environmental Management certificate
 USP-Plastic Test, Class VI, certificate
 Conformity testing certificate
 GMP/GLP certificate

ISO Standard 8655
 EU-Directive 98/79/EG, competent authority code DE/CA90
 EN 552/ISO 11137 and DIN EN 556
 EU Directive 2002/95/EC
 ISO Standard 14000 and ISO Standard 14001
 ISO Standard 10993
 DIN Standard 12600
 WHO Technical Report Series 908, 37. Report, Geneva2003

Premium-Line® Filter Tips Specifications | Order Information

Low Retention

Low Retention Filter Tips
Specifications | Order Information

| Filter Tip | Tip Length | Cat. No. | Pack Type | Sterilized | Sales Unit |
|---|------------|--------------------------|----------------|------------|---------------------|
|  0.1-10 µl, clear Premium-Line® Filter Tip | 34.1 mm | 5-001-70-0 5-001-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  0.1-10 µl XL, clear Premium-Line® Filter Tip | 45.2 mm | 5-061-70-0 5-061-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  0.5-20 µl, cristal Premium-Line® Filter Tip | 45.7 mm | 5-051-70-0 5-051-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  1-20 µl, clear Premium-Line® Filter Tip | 50.8 mm | 5-114-70-0 5-114-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  1-30 µl, clear Premium-Line® Filter Tip | 50.8 mm | 5-116-70-0 5-116-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  1-50 µl, clear Premium-Line® Filter Tip | 50.8 mm | 5-111-70-0 5-111-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  1-100 µl, clear Premium-Line® Filter Tip | 50.8 mm | 5-112-70-0 5-112-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  1-200 µl, clear Premium-Line® Filter Tip | 50.8 mm | 5-113-70-0 5-113-96-0 | Bag 96-Rack | ■ ■ | 5 x 1000 10 x 96 |
|  100-1000 µl, long, clear Premium-Line® Filter Tip | 86.0 mm | 5-201-70-0 5-201-96-0 | Bag 96-Rack | ■ ■ | 10 x 500 10 x 96 |

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Compatibility of Premium-Line® Filter Tips with pipet4u® Pipettes, see Tips Compatibility AHN Pipettes



CE IVD

metal-free

autoclavable
121° C | 20 min

RNase/DNase • Human DNA

CERTIFIED

FREE

Pyrogens • PCR Inhibitors