

2.0 TOP-Line Tips



General Information

Free of human DNA, certified free of DNase, RNase and PCR inhibitors

The New Generation of high precision tips from AHN Biotechnologie

We are committed to providing you the best tips available anywhere at any price. You can depend on the quality and value in every AHN product, on every order. We stand behind each and every product that we sell. Every of our AHN tips represents the highest standards in the industry. When you place an order with us, you can do so with confidence. You demand the best for your customers, and we guarantee that it is what you will get from us. The New Generation pipette tips from AHN Biotechnology are injection moulded with scientifically blended resins to minimise liquid retention and ensure optimum sample yield. This eliminates the use of lubricants that may be harmful to samples. Computer designed new collar with a wider sealing zone ensures a better fit for all popular pipettors. All tips are manufactured under RNase, DNase, Pyrogen free and free of PCR inhibitors conditions.

AHN Biotechnologie high precision tips made from high quality material

AHN tips from AHN Biotechnology are injection moulded from autoclavable, non-wettable, premium grade, virgin polypropylene on state of the art equipment in accordance with ISO 9000 and DIN standard procedures. Only high quality, low adhesion, polypropylene of BASF AG (Novolen) and/or Hoechst AG (Hostalen) are used for AHN Biotechnology AHN tips. Also all dyes used to colour the range of our tips are guaranteed to be absolute metal free! So even our „blues“ and „yellows“ are metal free to eliminate the risk of sample contamination by trace elements.

AHN Biotechnologie high precision tips an innovative design

AHN tips have thin walls and a thin surface area at the tip to greatly minimize the possibility of the tip retaining sample droplets. In addition the thin surface area reduces the touch-off angle between the outer tip wall and the receiving sample tube. This reduced touch-off angle virtually eliminates the potential of capillary retention between the tip orifice and tube wall. Each of our tips is molded to give a flash-free and uniform delivery orifice for consistent accuracy and reproducible sample delivery. Accuracy and precision are improved due to complete sample dispensing and are the guarantee for GLP conformity in all laboratories.

AHN Biotechnologie high precision tips the sterile alternative

AHN tips are also available alternatively as sterile tips in racked form, which has been Gamma or Beta irradiated. However AHN tips, AHN Tip Rackboxes and AHN Filter Tips are fully autoclavable (121°C, 0,1 Mpa, 20 min.).

AHN Biotechnologie high precision tips packaging configurations

AHN tips, filter tips and tubes are packed loose in safety welded polyethylene bags. They can be used for non-sterile or sterile procedures or for refilling any rack system. For your budget, AHN bulk packs are the most economical way to purchase the best laboratory plastic products available. Each bag is labelled with a sticker. 10 or 20 bags are packed in a carton.

AHN Biotechnology tips are also available in refillable racks which are inserted in a hinged box. These 2 parts are combined to the AHN rackbox system. Tips in hinged rackboxes are fully autoclavable and offer excellent value for money:

Latest technology – highest quality ... competitively priced !!!

2.1 TOP-Line Tips

0.1 - 20 µl Volume Range

Free of human DNA, certified free of DNase, RNase and PCR inhibitors



New innovating tips with an improved internal geometry special designed for small volumes and PCR techniques. Available in long version, cristal type, with a volume range of 0.5 to 20 µl reaches in small tubes and a short version with a volume range of 0.1 to 10 µl for PCR techniques. Absolute precisely molded. Available in bags or racks, sterile or non-sterile.

For use with, but not restricted, to following pipettors:

- AHN pipet4u Pipettors
- Axygene HTL Pipettors
- Biohit Pipettors
- Brand / Treff Pipettors
- Eppendorf Pipettors
- Fine Care Pipettors
- Gilson Pipettors
- Hamilton Pipettors
- Labsystems Thermo Finnpipettors
- Microlit Pipettors
- Nichiryo Pipettors
- Oxford Pipettors
- Rainin Pipettors
- Soccorrex Pipettors

Specification	According to
General requirements	ISO Standard 8655
CE-marking certificate	EU-Directive 98/79/EG, competent authority code DE/CA90
Sterility certificate	EN 552/ISO 11137 and DIN EN 556
RoHS Compliance certificate	EU Directive 2002/95/EC
Environmental Management certificate	ISO Standard 14000 and ISO Standard 14001
USP-Plastic Test, Class VI, certificate	ISO Standard 10993
Conformity testing certificate	DIN Standard 12600
GMP/GLP certificate	WHO Technical Report Series 908, 37. Report, Geneva 2003

Cat.no.	Description	Sterile	Colour	Pack type	Pack size	Sales unit
1-000-60-0	Top-Line Tip PCR 0.1 - 10 µl	non	natural	bag	1000	2 x 1000
1-000-81-0	Top-Line Tip PCR 0.1 - 10 µl	non	natural	bag	1000	20 x 1000
1-000-96-0	Top-Line Tip PCR 0.1 - 10 µl	non	natural	rack	rack-96	10 x 96-rack
1-000-60-0	Top-Line Tip PCR 0.1 - 10 µl	yes	natural	bag	1000	2 x 1000
1-001-96-0	Top-Line Tip PCR 0.1 - 10 µl	yes	natural	rack	rack-96	10 x rack-96
1-050-60-0	Top-Line Tip Cristal 0.5 - 20 µl	non	natural	bag	1000	2 x 1000
1-050-81-0	Top-Line Tip Cristal 0.5 - 20 µl	non	natural	bag	1000	20 x 1000
1-050-96-0	Top-Line Tip Cristal 0.5 - 20 µl	non	natural	rack	rack-96	10 x 96-rack
1-051-60-0	Top-Line Tip Cristal 0.5 - 20 µl	yes	natural	bag	1000	2 x 1000
1-051-96-0	Top-Line Tip Cristal 0.5 - 20 µl	yes	natural	rack	rack-96	10 x rack-96

2.2 TOP-Line Tips



1-200 µl Volume Range

Free of human DNA, certified free of DNase, RNase and PCR inhibitors



A new innovating universal tip with an improved internal geometry fits to all popular pipettors including multichannels. Choose your new bevelled tip version for easier drop touch off. Graduated AHN tips provide calibration lines at 10, 50 and 100 µl volumes which acts as a visual check to minimise any risk of errors during sample aspiration. Available in bags or racks, sterile or non-sterile.

For use with, but not restricted, to following pipettors:

- AHN pipet4u Pipettors
- Axygene HTL Pipettors
- Biohit Pipettors
- Brand / Treff Pipettors
- Eppendorf Pipettors
- Fine Care Pipettors
- Gilson Pipettors
- Labsystems Thermo Finnpipettors
- Hamilton Pipettors
- Microlit Pipettors
- Nichiryo Pipettors
- Oxford Pipettors
- Rainin Pipettors
- Soccorrex Pipettors

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Cat.no.	Description	Sterile	Colour	Pack type	Pack size	Sales unit
1-100-81-1	Eco-Line Tip 1 - 200 µl	non	yellow	bag	1000	20x1000
1-110-60-0	Top-Line Tip 1 - 200 µl	non	natural	bag	1000	2 x 1000
1-110-60-1	Top-Line Tip 1 - 200 µl	non	yellow	bag	1000	2 x 1000
1-110-81-0	Top-Line Tip 1 - 200 µl	non	natural	bag	1000	20x1000
1-110-81-1	Top-Line Tip 1 - 200 µl	non	yellow	bag	1000	20x1000
1-110-96-0	Top-Line Tip 1 - 200 µl	non	natural	rack	rack-96	10x96-rack
1-110-96-1	Top-Line Tip 1 - 200 µl	non	yellow	rack	rack-96	10x96-rack
1-111-60-0	Top-Line Tip 1 - 200 µl	yes	natural	bag	1000	2 x 1000
1-111-96-0	Top-Line Tip 1 - 200 µl	yes	natural	rack	rack-96	10x96-rack

2.3 TOP-Line Tips



5-300 µl Volume Range

Free of human DNA, certified free of DNase, RNase and PCR inhibitors



A new universal tip with an improved internal geometry fits special for multichannel pipettors and most single channel pipettors. Designed for defined flow dynamics and minimal water retention. A high quality tip with high chemical resistance and high thermal stability for research and routine laboratory handling. Precisely molded. Available in bags or racks, sterile or non-sterile.

For use with, but not restricted, to following pipettors:

- AHN pipet4u Pipettors
- Axygene HTL Pipettors
- Biohit Pipettors
- Brand / Treff Pipettors
- Eppendorf Pipettors
- Fine Care Pipettors
- Gilson Pipettors
- Hamilton Pipettors
- Labsystems Thermo Finnpipettors
- Microlit Pipettors
- Nichiryo Pipettors
- Oxford Pipettors
- Rainin Pipettors
- Socorex Pipettors

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Cat.no.	Description	Sterile	Colour	Pack type	Pack size	Sales unit
1-103-60-0	Top-Line Tip 5-300 µl	non	natural	bag	1000	2 x 1000
1-103-81-0	Top-Line Tip 5-300 µl	non	natural	bag	1000	20 x 1000
1-103-96-0	Top-Line Tip 5-300 µl	non	natural	rack	rack-96	10 x 96-rack
1-104-60-0	Top-Line Tip 5-300 µl	yes	natural	bag	1000	2 x 1000
1-104-96-0	Top-Line Tip 5-300 µl	yes	natural	rack	rack-96	10 x rack-96

2.4 TOP-Line Tips

100-1000 µl Volume Range

Free of human DNA, certified free of DNase, RNase and PCR inhibitors



New innovating universal tips for all popular pipettors. Available in 2 versions. As “long” type version reaches to the bottom of all tubes and as most popular well known “short” version for all laboratory routines. Graduated AHN “long” tips provide calibration lines at 100, 250 and 500 µl volumes which acts as a visual check to minimise any risk of errors during sample aspiration. Available in bags or racks, sterile or non-sterile.

For use with, but not restricted, to following pipettors:

- AHN pipet4u Pipettors
- Axygene HTL Pipettors
- Biohit Pipettors
- Brand / Treff Pipettors
- Eppendorf Pipettors
- Fine Care Pipettors
- Gilson Pipettors
- Labsystems Thermo Finnpipettors
- Microlit Pipettors
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Cat.no.	Description	Sterile	Colour	Pack type	Pack size	Sales unit
1-200-50-0	Top-Line Tip 100-1000 µl long	non	natural	bag	500	2 x 500
1-200-50-2	Top-Line Tip 100-1000 µl long	non	blue	bag	500	2 x 500
1-200-80-0	Top-Line Tip 100-1000 µl long	non	natural	bag	500	20 x 500
1-200-80-2	Top-Line Tip 100-1000 µl long	non	blue	bag	500	20 x 500
1-200-96-0	Top-Line Tip 100-1000 µl long	non	natural	rack	rack-96	10 x rack-96
1-200-96-2	Top-Line Tip 100-1000 µl long	non	blue	rack	rack-96	10 x rack-96
1-201-50-0	Top-Line Tip 100-1000 µl long	yes	natural	bag	500	2 x 500
1-201-96-0	Top-Line Tip 100-1000 µl long	yes	natural	rack	rack-96	10 x rack-96
1-209-50-2	Top-Line Tip 100-1000 µl short	non	light-blue	bag	1000	2 x 1000
1-209-80-2	Top-Line Tip 100-1000 µl short	non	light-blue	bag	1000	10 x 1000
1-209-06-2	Top-Line Tip 100-1000 µl short	non	light-blue	rack	rack-60	10 x rack-60
1-207-50-2	Top-Line Tip 100-1000 µl short	yes	light-blue	bag	1000	1 x 1000
1-207-06-2	Top-Line Tip 100-1000 µl short	yes	light-blue	rack	Rack-60	10 x rack-60

2.5 Macro-Line Tips

0.1 – 10 ml Volume Range

Free of human DNA, certified free of DNase, RNase and PCR inhibitors



New macro pipette tips for the most popular 5 ml and 10 ml pipettors. Ergonomical optimized cone geometry allows perfect fit for the defined pipettors. Soft and flexible tip cone results in better pipette seal. Universally applicable for use with the most 5 ml and 10 ml pipettors. Packed in bags sterile or non-sterile.

For use with, but not restricted, to following pipettors:

1-210-84-0 / 1-214-84-0 Conformity with following pipettors: AHN pipet4u, Biohit, Eppendorf, HTL Axygene, Kartell, Oxford

1-211-84-0 / 1-215-84-0 Conformity with following pipettors: Gilson, Nichiryo, Soccorex

1-212-84-0 / 1-216-84-0 Conformity with following pipettors: Brand, Labsystems, Thermo, Treff

1-213-50-0 / 1-217-50-0 Conformity with following pipettors: Brand, Labsystems, Thermo, Treff

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USP-Plastic Test, Class VI, certificate	ISO Standard 10993
Conformity testing certificate	DIN Standard 12600
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Cat.no.	Description	Sterile	Colour	Pack type	Pack size	Sales unit
1-210-84-0	Macro-Line Tip 0.1 – 5 ml	non	natural	bag	250	8 x 250
1-214-84-0	Macro-Line Tip 0.1 – 5 ml	yes	natural	bag	250	8 x 250
1-211-84-0	Macro-Line Tip 0.1 – 5 ml	non	natural	bag	250	8 x 250
1-215-84-0	Macro-Line Tip 0.1 – 5 ml	yes	natural	bag	250	8 x 250
1-212-84-0	Macro-Line Tip 0.1 – 5.5 ml	non	natural	bag	250	8 x 250
1-216-84-0	Macro-Line Tip 0.1 – 5.5 ml	yes	natural	bag	250	8 x 250
1-213-84-0	Macro-Line Tip 0.5 – 10 ml	non	natural	bag	100	10 x 100