
LIQUID HANDLING

Non-Filter and Filter Pipette Tips






View our Pipet compatibility guides online:
www.labcon.com/tipfits

LIQUID HANDLING

Know Your Pipette Tips Options

Labcon pipette tips are designed for precision and accuracy across many applications, our pipette tips fit a multitude of pipettes, including single-channel, multichannel, and electronic pipettes. With over 80 pipette tip styles to choose from, our wide range of options will meet any and all of your pipetting requirements. View our compatibility guides online: www.labcon.com/tipfits

PIPETTE TIP FAMILIES:

 <i>Eclipse 1093 shown</i>	Eclipse™ Standard Tips	Multi-purpose design for many laboratory applications
 <i>SuperSlik 1065 shown</i>	SuperSlik® Low Retention Non-Filter Tips	Hydrophobic inner surface minimizes liquid retention which reduces sample loss due to adhesion
 <i>ZAP 1059 shown</i>	ZAP™ Aerosol Barrier Filter Tips	Filter prevents cross-contamination and blocks aerosols from penetrating the pipette tip cone
 <i>ZAP Slik 1175 shown</i>	ZAP™ Slik Low Retention Aerosol Barrier Filter Tips	Filter prevents cross-contamination, blocks aerosols, and the hydrophobic inner surface minimizes liquid retention
 <i>APT™ 8017 shown</i>	APT™ Robotic Tips for Workstations	Certified for Laboratory Automation. Fits Beckman® FX and NX Workstation

ICON KEY:



Standard Surface



Hydrophobic Surface



Aerosol Filter



Eclipse™
Standard surface tip
Fit popular pipettes
Sterile Eclipse™ tips can be used in research, medical, & diagnostic applications



SuperSlik®
Non-wettable surface tip
Fit popular pipettes
Sterile SuperSlik® tips can be used in research, medical, & diagnostic applications

APT™
Standard surface tip
Fit Beckman® Workstations
Non-Filter & Filter Options
Sterile APT™ tips can be used in research, medical, & diagnostic applications




ZAP™
Standard surface filter tip
Fit popular pipettes
Sterile ZAP™ tips can be used in research, medical, & diagnostic applications



ZAP™ Slik
Non-wettable surface filter tip
Fit popular pipettes
Sterile ZAP™ Slik tips can be used in research, medical, & diagnostic applications

PIPETTE TIP FEATURES:

You will find these icons for SPECIAL FEATURES located to the left of specific pipette tips



Bevel Point™ tip example: 1039 shown

B **evel Point** retains less fluid and eliminates carry over from viscous solutions



Extended length tip example: 1036 shown

E **xtended** reaches the bottom of sample vessels without contact or contamination



FlexTop™ tip example: 1016 shown

F **lexTop™** forms a tight seal on the pipette barrel with minimal ejection force, reducing repetitive strain injuries



Graduated tip example: 1093 shown

G **raduated** provides visual confirmation that the correct liquid volume is being aspirated or dispensed



LTS™ tip example: 1018 shown

L **ite Touch™** fits (LTS™) ergonomic pipettes from Rainin® and keeps mounting and ejection forces below 3 kg



Silicone tip example: 1062 shown

S **iliconized** pre-lubricates tips to offer very low surface tension when using viscous samples



Tubegard™ tip example: 1162 shown

T **ubegard™** prevents the pipette barrel from touching the tube, allowing for careful safe pipetting



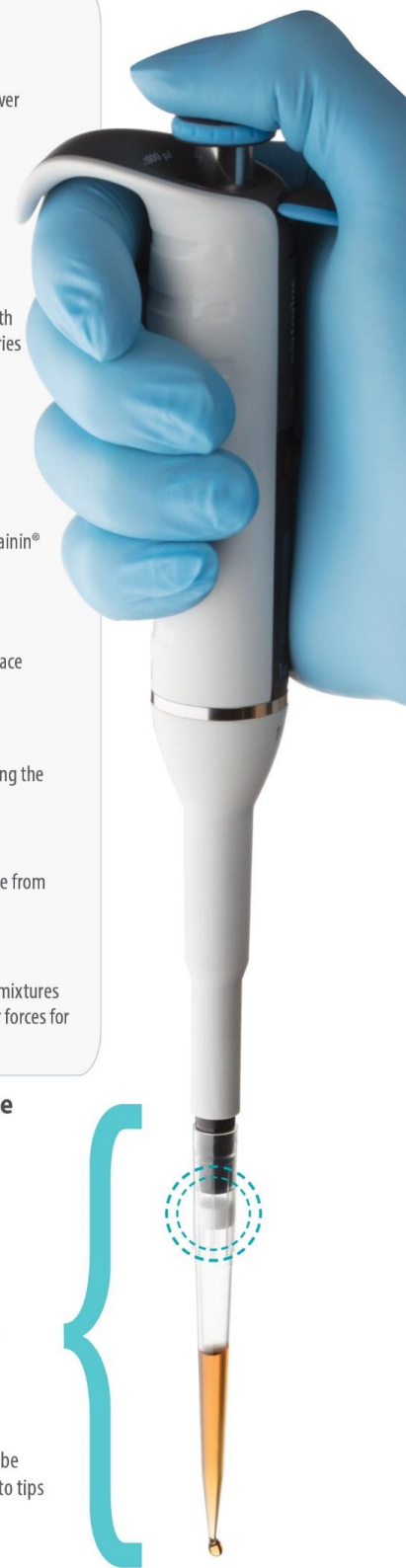
UltraFine™ point tip example: 1153 shown

U **ltraFine™** dispenses the last tiny amount of sample from the tip



Wide tip example: 1152 shown

W **ide Bore** makes it easier to pipette magnetic bead mixtures and viscous samples and provides a reduction of shear forces for genomic clean-up and whole cell pipetting



Virgin Medical Grade Polypropylene Resins

- No recycled plastics
- Pre-tested for metal contamination
- Free of DiHEMA, oleamide, and BPA

Contamination

- Every lot is lab tested and certified free of: endotoxin (pyrogen), adenosine triphosphate (ATP), RNase/DNase (nuclease), and low trace metals (<1ppm) independent of packaging. Some pipette tips are certified free of: human DNA and protease

Validated Sterility

- Each sterilized batch is certified sterile using an ISO/ANSI/AAMI 11137 procedure approved by the U.S. FDA and monitored by an independent laboratory
- Labcon's sterile products are guaranteed to have a sterility assurance level (SAL) of 10⁻⁶. This level is internationally accepted as the highest level of sterility for medical and diagnostic devices

Pipette Compatibility Guide

View our compatibility guides online:

www.labcon.com/tipfits

Filter Tips

- 10 µm pore size filters
- A smaller pore size guarantees that the pipette's barrel is kept clean of: DNA, Radionuclides, and other contaminants
- Labcon filter tips are suitable for: DNA manipulation, PCR*, and Radionuclides
- Non self-sealing filter allows samples to be completely recovered without cutting into tips
- Autoclavable at 122 °C for 15 minutes

* PCR® is a patented process of Hoffman-LaRoche. Use of the PCR® process requires a license.



LIQUID HANDLING

Pipette Tip Packaging Options



Individually Wrapped

Assurance your tip is sterile. Packaged in thermal sealed polyethylene bags.



Loose Pack

Resealable polyethylene bags. Not recommended for extended storage — tip warping can occur.



Bulk Pack

Cost-effective option. One large bag inside a corrugated container. Not recommended for extended storage — tip warping can occur.



No need to remove label before recycling

Labels are also #5 PP



96 Rack

Versatile, ergonomic, and reliable. Strong enough to be autoclaved many times. A small vent in the rack sides allows steam autoclaving to be more efficient and assures your tips are sterile. Includes a separate rack insert with a beveled top and extra-sturdy surface for multi-channel pipetting. Heavy hook hinges provide ergonomic snap-latch that won't catch gloves.

Empty rack and label are both made of polypropylene (#5), so there is no need to peel the label off when recycling.



192 Rack

Durable and ergonomic with a snap-latch that won't catch gloves. The long thin design of the 192 rack allows for more working space on a lab bench. Strong enough to be repeatedly autoclaved. The separate rack insert includes a beveled top and extra-sturdy surface for multi-channel pipetting.



384 Tip Rack

Designed to withstand the heavy load that automated workstations exert on robotic pipette tip racks. Racks have a special closed well structure that keeps each tip in its own well.



Stack Racks

Easy assembly. Simply insert fully racked refills into the rack. Pipette with a multichannel pipette right from the stack.



Macro Tip Rack

Exclusive composite racks for Eclipse® Macro tips feature fiber cartons and plastic platforms making them easy to recycle.



Eclipse™ Pipette Tip Refill System

The ultimate sustainable solution for pipetting

With a simple lift and snap, you can refill a 96 tip rack with a wide variety of Labcon pipette tips, including Eclipse™ tips, SuperSlik® tips, ZAP™ tips, and ZAP™Slik tips. Shipped in 100% renewable packaging with carbon-sequestering bioplastic and minimized plastic content, Eclipse™ refills reduce waste and meet the environmental goals of your lab. Eclipse™ refills are available with validated sterility and are designed to allow sterile transfer of tips into racks.

- ✓ **Refills Wide Range Of Tips**
Aerosol Filter, LTS™, Low Retention, and more
- ✓ **Sustainable**
Renewable materials and reduced packaging
- ✓ **Simple To Use**
Lift, place, and press

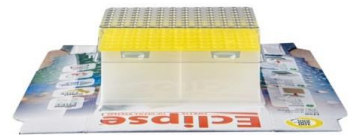
Transfer cover protects tips from contamination, provides stability. Made from recycled (and recyclable) PET

I'm GREEN!

Color-coded platforms (by volume) are made from recycled (and recyclable) polypropylene

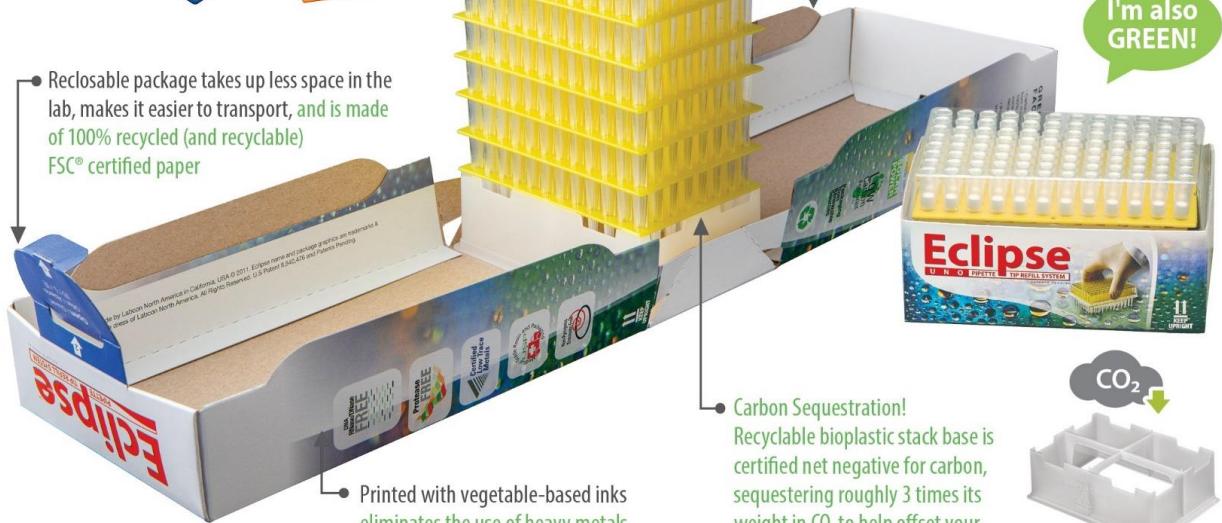


Created with minimal materials that consist of 60.2% usable product and 39.8% eco-packaging. Can be easily recycled after use



I'm also GREEN!

Reclosable package takes up less space in the lab, makes it easier to transport, and is made of 100% recycled (and recyclable) FSC® certified paper



Carbon Sequestration!
Recyclable bioplastic stack base is certified net negative for carbon, sequestering roughly 3 times its weight in CO₂ to help offset your pipet tip use



Printed with vegetable-based inks eliminates the use of heavy metals



ECLIPSE™ FEATURES

Fits Most Pipettes

Uniquely engineered to fit most popular brands of pipettes



Pure Resins

Medical grade FDA compliant CFR21 resin



No Additives

Naturally hydrophobic resins without additives that might foul your work



Precision Molded

Manufactured robotically to ensure precision and consistency



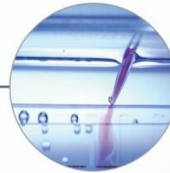
Tip Uniformity

Made in highest quality diamond polished molds



Quality Tested

Tested continuously throughout molding to maintain orifice diameter stability



Eclipse™ Tips

Eclipse™ standard surface pipette tips are made of high quality 100% pure virgin medical grade polypropylene. We pre-test the resin to ensure no extractables are present.

All our resins are pre-tested for metal contamination. Certificates are available for download by lot number: labcon.com/certificates.html

MATERIAL	100% Virgin Polypropylene
GRADE	Medical
RATING	USP Class VI
APPROVED USES	Medical, Research, Industrial, Food & Beverage
COLORS	Yellow, Blue, or Natural (Clear)

Eclipse™ Tips Packaging Options



Individually Wrapped



Bagged



96 Rack & Stack



192 Rack & Stack



Macro Rack



Eclipse™ & Edipse™ Mini Refills



Bulk





SUPERSLIK® FEATURES

Fits Most Pipettes

Uniquely engineered to fit most popular brands of pipettes



Pure Resins

Made exclusively from medical grade FDA compliant CFR21 resin



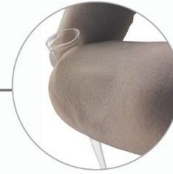
Low Retention

High contact angle hydrophobic resin reduces fluid retention up to 10X more than standard resin



Better Fit

Thin, flexible wide top accommodates new and old pipette barrels better than stiff & hard tips



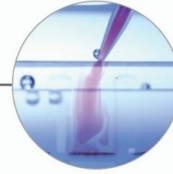
Tip Uniformity

Made in the highest quality diamond polished molds



Quality Tested

Tested continuously throughout molding to maintain orifice diameter stability



SuperSlik® Tips

Our SuperSlik® Low Retention tips are made from our own proprietary non-wettable polypropylene formula. This exclusive resin limits the adhesion of cells, proteins, and other viscous materials. Their accuracy and precision is up to 10 times better with viscous samples than standard non-wettable polypropylene. SuperSlik® tips have no additives or coatings that can loosen and migrate into your sample.

All our resins are pre-tested for metal contamination. Certificates are available for download by lot number: labcon.com/certificates.html

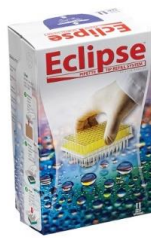
Packaging Options



Bagged



96 Rack



Eclipse™ & Eclipse™ Mini Refills



Labcon SuperSlik® low retention tip



Standard non-wettable polypropylene tip

MATERIAL	Proprietary Polypropylene
GRADE	Medical
RATING	USP Class VI
APPROVED USES	Medical, Research, Industrial, Food & Beverage
COLORS	Natural (Clear)

Low retention tips are best suited for pipetting thick or sticky fluids and may not be appropriate for all uses.

LIQUID HANDLING

ZAP™ Aerosol Filter Pipette Tips



ZAP™ FEATURES

Fits Most Pipettes

Uniquely engineered to fit most popular brands of pipettes



Pure Resins

Medical grade FDA compliant CFR21 resin



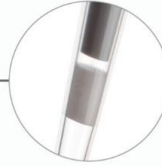
No Additives

Naturally hydrophobic resins without additives that might foul your work



Precision Molded

Manufactured robotically to ensure precision & consistency



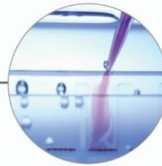
10 µm Pore Filter

Patented 10µm hydrophobic porous filter blocks aerosols. Non-pyrogenic filter is RNase/DNase, and ATP free



Tip Uniformity

Made in the highest quality diamond polished molds



Quality Tested

Tested continuously throughout molding to maintain orifice diameter stability

ZAP™ Tips

ZAP™ aerosol filter pipette tips have been proven with case studies to block aerosol contamination. Unlike some leading brands of self-sealing aerosol-resistant pipette tips, ZAP™ tips have no cellulose gum, toluene solvent in the filter to mix with and contaminate your sample. ZAP™ tips will not wick fluids like cellulose-filled aerosol-resistant tips.

All our resins are pre-tested for metal contamination. Certificates are available for download by lot number: labcon.com/certificates.html

MATERIAL 100% Virgin Polypropylene/ Polyethylene

GRADE Medical

RATING USP Class VI

APPROVED USES Medical, Research, Industrial, Food & Beverage

COLORS Natural (Clear)

Packaging Options



Individually Wrapped



96 Rack



Eclipse™ UNO



Bagged





ZAP™SLIK FEATURES

Fits Most Pipettes

Uniquely engineered to fit most popular brands of pipettes



Proprietary Resins

Made exclusively from non-wettable, medical grade FDA compliant CFR21 resin



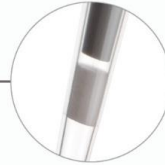
Low Retention

High contact angle hydrophobic resin reduces fluid retention up to 10X more than standard resin



Precision Molded

Manufactured robotically to ensure precision and consistency



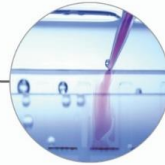
10 µm Pore Filter

Patented 10µm hydrophobic porous filter blocks aerosols. Non-pyrogenic filter is RNase/DNase, and ATP free



Tip Uniformity

Made in the highest quality diamond polished molds



Quality Tested

Tested continuously throughout molding to maintain orifice diameter stability

ZAP™SLIK Pipette Tips

ZAP™SLIK low retention aerosol filter pipette tips have been proven in case studies to block aerosol contamination and reduce fluid retention.

ZAP™SLIK tips feature a pure 10 µm pore size patented filter without additives. The small pore size guarantees that your pipettor barrel will be kept clean of DNA, Radionuclides, and other contaminants. Our contaminant-free filter will not spoil your work if your sample comes in contact with it.

Each style of ZAP™SLIK tips is designed from the beginning to fit precisely the range of pipettors listed in our online fit charts. We carefully inspect the fitting with the actual pipettors to ensure proper fit without leakage or the need for extra force to mount these tips.

All our resins are pre-tested for metal contamination. Certificates are available for download by lot number:

labcon.com/certificates.html

MATERIAL 100% Virgin Polypropylene/ Polyethylene

GRADE Medical

RATING USP Class VI

APPROVED USES Medical, Research, Industrial, Food & Beverage

COLORS Natural (Clear)



Labcon SuperSlik® low retention tip



Standard non-wettable polypropylene tip

Packaging Options



96 Rack



Eclipse™ UNO



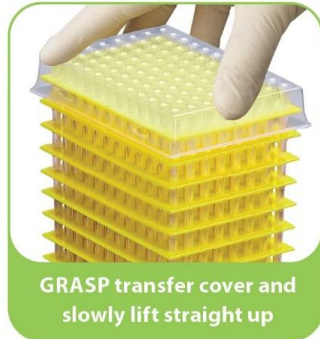
LIQUID HANDLING

Empty, Refillable Pipette Tip Racks

Eclipse™ Refill System provides a green, space-saving, and easy-to-use pipette tip refilling solution for your lab. With many pipette tip styles to choose from, aseptically refilling your reusable, autoclavable racks has never been easier or greener!



Using Eclipse™ Refills



GRASP transfer cover and slowly lift straight up



ALIGN transfer cover over the empty rack



PUSH transfer cover down, listen for the click



RELEASE tips and lift empty transfer cover

Refillable Racks

Refillable 96 racks offer workhorse reliability and versatility. They have heavy hook hinges that are extremely durable and an ergonomic snap latch that won't catch gloves. The separate rack insert includes a beveled top and extra sturdy surface for multichannel pipetting. Labcon racks are strong enough to be autoclaved many times.

Refillable racks are available in two options:

1 For Eclipse™ Refill System

These refillable racks do not include a tip platform because platform is already included in the Eclipse™ Refill System.

2 For Bulk Tips

These refillable racks include a tip platform



APT™ FEATURES

Guaranteed Fit

Designed to work as a plug-&-play solution on factory specification Biomek® units



Pure Resins

Made exclusively from magenta-tinted medical grade FDA compliant CFR21 resin



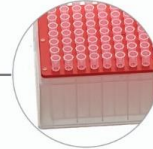
No Additives

Naturally hydrophobic resins without additives that might foul your work



Sturdy Racks

Packaged in heavy, reusable polypropylene with a color coded platform



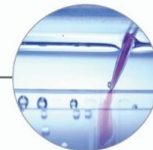
Tip Uniformity

Made in the highest quality diamond polished molds



Quality Tested

Tested continuously throughout molding to maintain orifice diameter stability



APT™ Automation Pipette Tips

APT™ automation pipette tips fit the Beckman® Biomek X-series and I-series automated workstations as well as the Biomek 4000/3000/2000 automated liquid handlers.

APT™ tips are available in both sterile and non sterile versions. As with all Labcon products the sterile versions are sterilized using a medical grade validation to an SAL of 10⁻⁶ to ensure they can be used for diagnostic as well as research applications.



MATERIAL 100% Virgin Polypropylene

GRADE Medical

RATING USP Class VI

APPROVED USES Medical, Research, Industrial, Food & Beverage

COLORS Magenta

[APT™ tips fit Beckman® Biomek® workstations]

Packaging Options



96 Rack



384 Rack



Eclipse™ & Eclipse™ Mini

