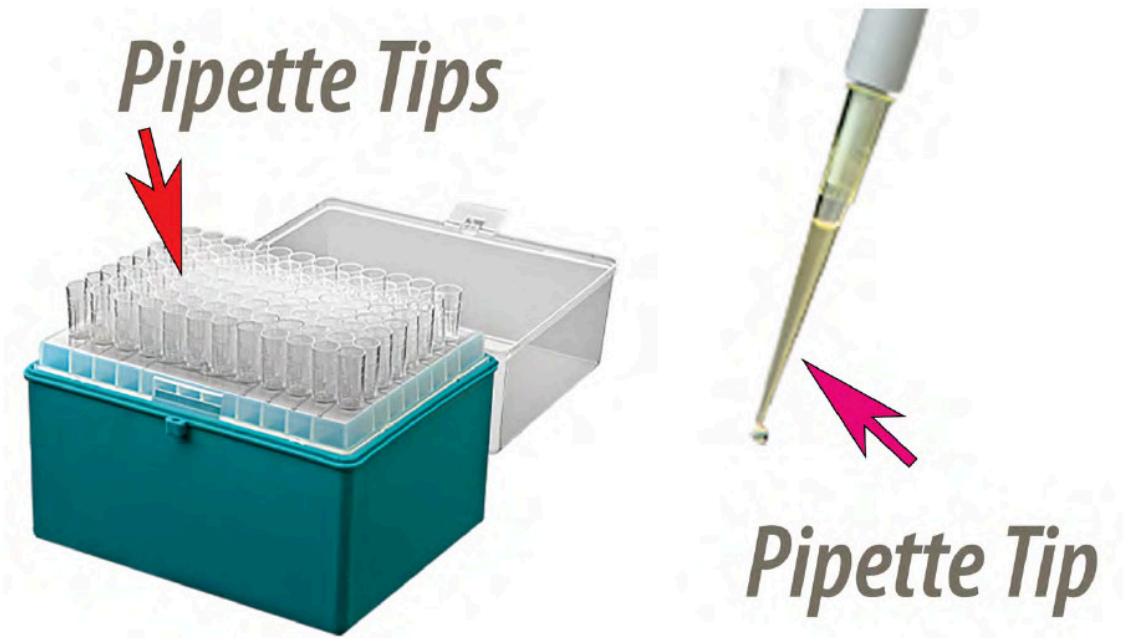


Instructions For Use (English)



Labcon Pipette Tips for Liquid Handling Product Information

a) Image



(Example Image of Pipette Tips and Packaging Options)

b) Description

Eclipse™ and SuperSlik® Pipette Tips from Labcon are used for liquid handling operations with volumes of 10 microLiters to 10 milliLiters. Eclipse™ standard surface pipette tips include as standard many features available from other suppliers only as special upgrades. All the Eclipse™ tips we make are made of high quality 100% pure virgin medical grade polypropylene so you won't find recycled plastics in our tips. We pre-test the resin to ensure no extractables are present. Every lot is lab tested and certified free of detectable Nuclease (Rnase/Dnase), Adenosine Tri-phosphate, and Endotoxin (pyrogen) contamination. All our resins are pre-tested for metal contamination. Certificates are downloadable from us by lot number for all our tips and available from the certificates page.

c) Material Composition

Part	Material
Pipette Tip	Polypropylene (PP)
Rack	Polypropylene (PP)
Base	Polypropylene (PP)
Lid	Polypropylene (PP)

Instructions For Use (English)



Labcon Pipette Tips for Liquid Handling

Box	Cardboard
Bag (if Bulk)	Low-Density Polyethylene (LDPE)
Shrink Wrap	Low-Density Polyethylene (LDPE)

Notice Before Use

a) Product Inspection

Ensure packaging is not damaged before using any pipette tips. Only use pipette tips without flaws, contact Labcon if flaws are detected and an investigation will be conducted to determine the root cause.

b) Chemical Resistance

Working in a clinical lab, analytical lab, research lab or industrial manufacturing carries many risks, please check the chemical compatibility chart provided at <https://www.labcon.com/chemical.html> prior to use of any non-familiar materials.

c) Health Risk

Always wear the correct personal protective equipment based on your national regulations for the materials you will be handling. Please check the materials safety data sheets and manufacturers application notes for substances being pipetted.

d) Sample Contamination

Pipette tips are for single use only. Contamination can occur from reuse of tips due to carryover, incorrect dispensing practices, and warping of tips over time.

e) Storage Information

Store dry, at 15-30° C and keep away from direct sunlight and other UV rays.

f) Autoclave Warning

Product can degrade and warp if they are autoclaved in their packaging, please remove prior to autoclaving.

Autoclave Data (Standard Pressure)

Component	Temperature (°C)	Time (Minutes)	Cycles Possible
Pipette Tips	121	15	1
Racks	121	15	20
Tip Refills	121	15	1
UNO Refill	121	15	1

Instructions For Use (English)

Labcon Pipette Tips for Liquid Handling



Use

a) Purpose

Labcon Pipette Tips fall under the Eclipse™ and SuperSlik® category of products and are designed for controlled, analytical transfer of fluids.

b) Operation

Follow the operating manual provided with your pipettor, not all pipettors operate in the same way.

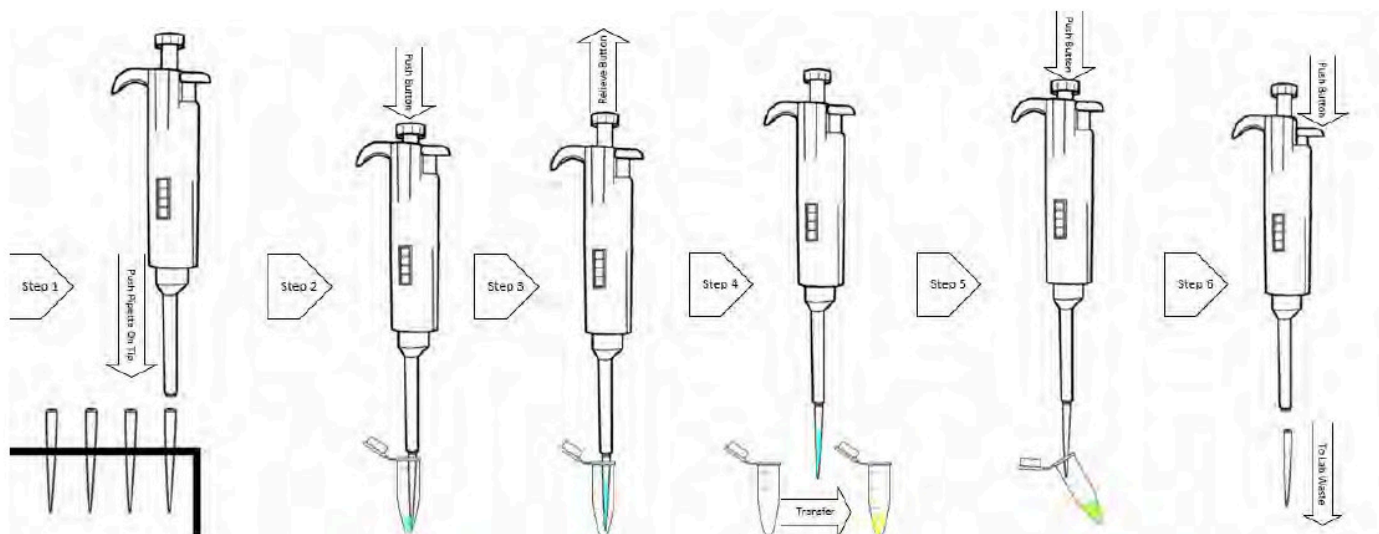
Do not overdraw more volume than the tip is specified for as this could contaminate the pipettor.

Pipetting from a 90° angle and close to the surface of the liquid will yield the most accurate results.

Pipette with a slow, smooth action.

If using a non-low retention tip, pre-wetting your pipette tip can help increase accuracy. Pre-wet your tip by drawing liquid that will be transferred and dispense back into the same reservoir, now the tip is coated and ready for pipetting.

Pay attention to temperatures, this can affect viscosity and volumes dispense based on what your pipettor was calibrated for.



c) Transport

Instructions For Use (English)



Labcon Pipette Tips for Liquid Handling

Labcon products are designed to be transported at temperatures as low as -80° C. Labcon advises that when these products are being shipped to follow all IATA and DoT transportation guidelines set by local and international laws.

d) Disposal

Please dispose of in compliance with local legal regulations. If your lab uses hazardous materials with the Labcon product, be sure to dispose of those materials properly and the Labcon product is now also considered Hazardous and will either need to be disposed of with the other Hazardous materials or cleaned using accepted local methods to ensure that the material does not pose a risk of contamination.

Biological Testing & Certificates

a) Biological Testing Performed

	CERTIFIED FREE OF ENDOTOXIN (PYROGEN) CONTAMINATION Endotoxin testing uses the Limulus Amebocyte Lysate coagulation assay to confirm the absence of neurotoxic, pyrogenic membrane lipids produced by bacterial species. This test confirms that Labcon products are free of bacterial contamination using an FDA suggested standard of 0.05 EU/mL as a maximum value.
	CERTIFIED FREE OF ADENOSINE TRIPHOSPHATE (ATP) ATP testing of manufacturing processes and products can identify potential bacterial, fungal, and human sources of contamination. An extensive survey of Labcon products is used to confirm that the certified ATP-Free products are free of biological contamination. Results show less than 1×10^{-12} mg/ μ L.
	CERTIFIED FREE OF DETECTABLE RNASE AND DNASE NUCLEASE ACTIVITY Nuclease testing confirms the absence of RNase and DNase enzymes through the lack of degradation of DNA and RNA in an aqueous solution that has been incubated in Labcon products. DNA and RNA are examined by agarose gel electrophoresis to confirm molecular integrity.
	CERTIFIED FREE OF HEAVY METALS BELOW 1PPM Products are tested for heavy metal content. All resins used for Labcon products are qualified to fall below one part per million for heavy metals.

b) Certificates

Registrations and Certificates can be found at <https://www.labcon.com/certifications.html>

Lot Specific Certificates can be found at https://www.labcon.com/certificates_select.html