# Clean, inert pipette tips.





# Rainin's Tip Manufacturing Facility Designed to Deliver the Cleanest Tips

Rainin's rigorously clean Class 100K manufacturing facility ensures an absence of contamination throughout the manufacturing environment. Full automation eliminates any possibility of human contact with the tips and results in a pristine product without any detectable trace of biological contamination.

### Automated material handling

High-capacity vacuum pumps to transfer virgin polypropylene pellets from stainless steel silos to the injection molding machines. Then, to ensure product cleanliness, Rainin's innovative racker system automatically places the tips in the racks, eliminating all human contact during the manufacturing process.

### Clean room environment

More than 20,000 sq. ft. of clean rooms specially designed for tip production and packaging. HEPA filters and positive pressure ensure contaminants do not enter the tip production area.

### Staff procedures and training

Rainin manufacturing personnel wear masks, gloves and hair nets to reduce the risk of introducing contamination to the tip manufacturing environment.

### Rigorous quality assurance testing

Statistically relevant quantities of newly molded tips are continuously sampled from the production line and subjected to rigorous quality testing. Sampling occurs throughout the day at a minimum frequency of once every four hours. Every tip packaged is subjected to 100% visual inspection.

### Certification

Filtered and presterilized bioclean tips are sterilized by gamma irradiation and certified.

### Protecting sample integrity

### Clean pipette tips are critical in life science research

To ensure high quality lab results, tips coming into contact with samples must be free of DNase, RNase, DNA, pyrogen and adenosine triphosphate (ATP). Understanding these typical sample contaminants and taking precautionary measures to reduce or eliminate them at their source is vital to protecting sample integrity.

### Contamination originates both in and out of the lab

Human contact is the primary source of contamination. Poor handling procedures can compromise tip purity. The manufacturing process and tip packaging environment are other potential contamination sources that should not be overlooked.

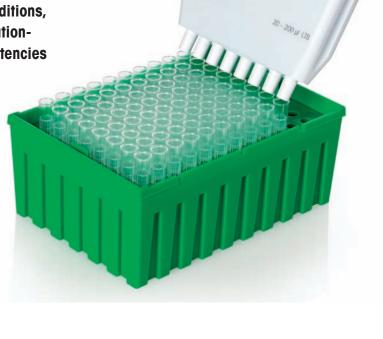
### How can contaminants be reduced or eliminated?

Laboratory personnel typically employ a set of procedures to minimize sources of contamination in the lab. But because sample contaminants can originate outside the lab, it is important to evaluate what controls have been put into place at the production level, to assure that possible risk factors have been reduced or eliminated before the product arrives in the lab.



Through innovative design and high-quality production, high-grade Rainin BioClean tips ensure optimal pipetting performance.

Manufactured under clean-room conditions, these inert tips are 100% contamination-free, preventing experiment inconsistencies and compromised data fidelity.



### BioClean production – no contamination

To ensure high quality lab results, tips must be inert and free of DNase, RNase, DNA, pyrogen and adenosine triphosphate (ATP). Rainin puts great focus on BioClean production by eliminating human contact wherever possible. Our tips are clean.

### Perfect production – flawless tip geometry

Virgin polypropylene material and state-of-the-art manufacturing result in flawless Rainin tips.

No deformation, cracking, flash, just perfect tip geometry.

### FinePoint<sup>™</sup> – thin walls for complete liquid transfer

Pipetting accuracy demands an ability to completely dispense the liquid sample from the pipette tip. FinePoint tips feature an acutely tapered design, coupled with very thin tip walls. This results in a subtle, highly flexible pipette tip. The exceedingly thin wall at the orifice end of the tip prevents residual amounts of fluid from clinging to the end of the tip during dispensing. When drawn against the wall of a vessel, the FinePoint design allows for complete touch-off and discharge of the last trace of fluid from the tip.

### **Ecologically friendly**

Innovative packaging solutions for tip rack refilling significantly reduce plastic waste.

### **Rainin BioClean Tips**

With a wide array of tips, in a variety of feature-sets, volume ranges and packaging options, scientists can always work with the optimal application-specific pipetting system. LTS LiteTouch $^{\text{TM}}$  and traditional-shaft designs.



### **Certified contamination-free**

BioClean filter and presterilized tips are gamma irradiated to guarantee product sterility. Tested in both internal and external labs, these tips are certified free of DNase, RNase, DNA, pyrogens and ATP. A test certificate is included in each package.

### **Highest quality**

Virgin polypropylene. State-of-the-art manufacturing.

### **Large Variety**

The large selection of available sizes, packaging options, and technical variations provides the ideal tool for every application.

### High quality production

- BioClean tips and packaging: contamination-free
- Flawless tip geometry

### Innovative designs

- LTS LiteTouch System
- Space Saver reduces plastic waste and lab clutter

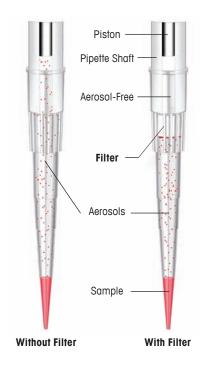
### Wide selection of tips

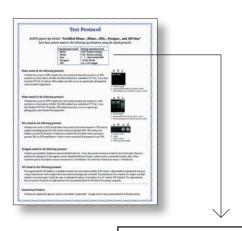
- Optimized, application specific tip designs
- Many volume ranges
- Green packaging options

# **Aerosol Resistant Tips**

# Protection against Aerosol Contamination

Rainin's Aerosol Resistant tips are your best choice for preventing aerosols and liquids in the tip from reaching and contaminating the pipette shaft. Effective in preventing sample cross-contamination in all PCR-based applications, such as genotyping, qPCR and forensic analyses.





Contaminants Tested **RNase DNase** DNA Pyrogens (LAL test)

ATP

Testing Detection Levels

≤ 10<sup>-9</sup> Kunitz units/µl ≤ 10<sup>-7</sup> Kunitz units/µl

< 1 copy human DNA 0.001 EU/ml

 $< 10^{-12} \text{ mg/µl}$ 

### Hydrophobic filter eliminates contamination

Hydrophobic filter forms a barrier against aerosols and liquids, eliminating potential sample and pipette cross-contamination that could jeopardize results.

### Pure polyethylene filters contain no additives

The filters in Rainin's aerosol-resistant tips are comprised of an exceptionally dense matrix of sintered polyethylene particles. Unlike other filter types contain additives that can inhibit enzymatic reactions, Rainin filters are composed of pure polyethylene. These sintered particles form a hydrophobic, tortuous path matrix (average pore size: 40 µm) that prevent aerosols and liquids from being aspirated into the body of the pipette.

### Certification

Filtered and presterilized bioclean tips are gammaradiated to ensure the packaged product is completely sterile. In addition, each tip lot is processtested to specifications shown here and labeled "Certified free of DNase, RNase, DNA, pyrogen, and ATP." A test protocol certificate is included in each package.

# **Specialty Tips**

# For Specialized Research







Minimal retention of dense sample

Dense sample binding in standard tips

### **Extended-length tips**

For pipetting into tall narrow tubes

### 102 mm long

Rainin extended-length LTS tips will reach to the bottom of blocks, tall vials, flasks, 100 mm tubes, etc.

### Narrow diameter

These tips will pass through 8 mm ID penetrable septa, such as on the Gen-Probe<sup> $^{\text{TM}}$ </sup> APTIMA<sup> $^{\text{TM}}$ </sup> specimen collection kits. Reach the bottom of these vials easily, without the pipette shaft touching the vessel wall and becoming contaminated.

### Racked for convenience

Supplied in racks, standard, presterilized and with aerosol-resistant filters. RT-L1000X and RT-L1000XS tips hold a full 1200  $\mu$ l volume.

Gen-Probe® and APTIMA® are registered trademarks of Gen-Probe Inc.

### **Low-retention tips**

For pipetting proteins, enzymes and DNA

### Ultra-hydrophobicity

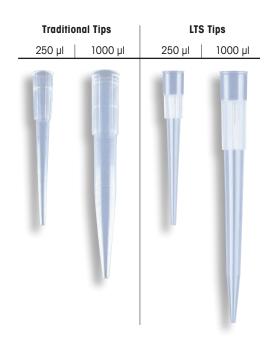
Unlike other companies that dip or coat their tips, Rainin employs a special molding process to integrate a fluoropolymer additive homogeneously throughout the entire tip. This avoids problems associated with inconsistent and incomplete coatings. The exposed trifluoromethyl additive reduces interaction between the aspirated liquid and the polypropylene tip matrix, resulting in an exceptionally hydrophobic tip surface that is not affected by autoclaving. Available in 10, 250 and 1,000 µl LTS tip volumes.

### Low-retention tips perform better with demanding samples

Ensure higher pipetting accuracy and reproducibility, even when working with viscous, tenacious samples. Greater pipetting accuracy means less of your valuable samples are wasted.

# **Specialty Tips**

# For Your Specialized Research





### Wide-orifice tips

Ideal for delicate samples

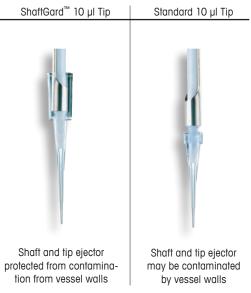
Ideal for delicate samples such as those containing mammalian cells or high-molecular-weight DNA. The wide orifice (1.5 mm) minimizes shear forces on delicate samples and flow resistance for viscous samples.

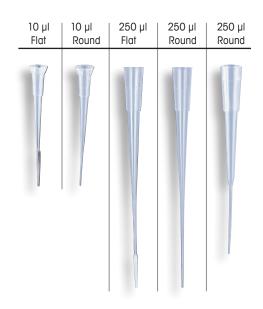
### Large-volume tips

For macro-volume pipetting

Deliver large volumes with the same accuracy as smaller volumes. 2000 µl tips are available in removable cover racks, standard, presterilized, and with aerosol-resistant filters. 5000 µl tips are also available in removable-cover racks, standard or presterilized. 20 ml tips (LTS only) have graduation marks. Both 10 ml and 20 ml tips are available presterilized in individual packets, as well as in bulk.

## ShaftGard™ and Gel-Well™ Tips only available as Traditional Tips





### ShaftGard<sup>™</sup> 10µl tips

Best against cross-contamination

### Complete protection of shaft and tip ejector

With ShaftGard tips, the shaft and tip ejector are protected from accidental contamination, reducing the need to decontaminate or sterilize the shaft and tip ejector when working with biological, radioactive, or other critical samples.

### Contamination-free tip ejection

The tip ejector is enclosed by the tip and ejects the tip by pressing on the "shoulder" inside the tip — affording further protection against contamination.

### Longer for microtube access

ShaftGard tips are significantly longer than standard micro-10 tips for easier access into microcentrifuge and PCR tubes. Use with 2 and 10  $\mu$ l pipettes with traditional, conical shafts.

### Gel-Well<sup>™</sup>

Great for gels in narrow wells

Designed for dispensing samples into narrow wells in electrophoretic slab gel apparatus, for sample recovery, or when high accuracy is required at low volumes. The flexible ultra-thin micro-capillary is ideal for DNA sequencing and protein separation. Autoclave cycles at 1 bar and 121° C up to 15 minutes are possible without significant capillary shrinkage or closure.

- Available with flat or round tip ends
- Certified RNase/DNase-free

Fit pipettes of major manufacturers, such as Eppendorf, Gilson, BioHit, as well as the traditional (non-LTS) Rainin pipettes.

# BioClean<sup>™</sup> Tips in Green Packaging

# Reducing Waste at the Source

Many labs are concerned with reducing environmental impact. Rainin has long been a pioneer in addressing these concerns through innovative package design for tip-rack refilling to reduce plastic waste at the source.



**Green-Pak<sup>™</sup> SpaceSaver<sup>™</sup> – 85% less waste** Stacked refills reduce waste and save space

Standard or presterilized Your selection
Contamination-free Protected from contamination
Fast loading Packing 96 tips takes seconds
Save space Needs only 35% of the space used by
10 conventional tip racks

**Ecological** Shell is made from recycled water bottles.



Green-Pak<sup>™</sup> – 75% less waste Refills with aerosol-resistant tips

**Standard, presterilized and with filter** Your choice **Protected** Each refill is completely sealed. No contamination

Fast trouble-free loading Easy to align over the empty rack

**Ecological** Recyclable code 1 PET shell

### **Rainin Tip Packaging Options**

With a wide choice of packaging options, from standard racks to bulk tips to the waste-reducing SpaceSaver refills, Rainin has the perfect tip packaging for you.



Waste from 10 Racks



Waste from SpaceSaver





### Seeing is believing

Plastic waste comparison

The photo shows the plastic waste from 10 empty 96-place racks, and that from an equivalent number of Green-Pak SpaceSaver stacked refills. Green-Pak SpaceSaver reduces waste by about 85%, compared to regular racks.

### Removable-cover racks

Backbone of Rainin's ecological refill system

### Standard, presterilized and with

filter You choose

Refillable SpaceSaver and Green-Pak designed to refill these racks Fast tip loading The sturdy, nonflexing shelf construction allows easy tip loading with single and multichannel pipettes

Protected Sealed bottoms and overlapping lids protect tips from particulates and micro-organisms Autoclavable Two-position lid allows autoclaving with the lid in the vent position

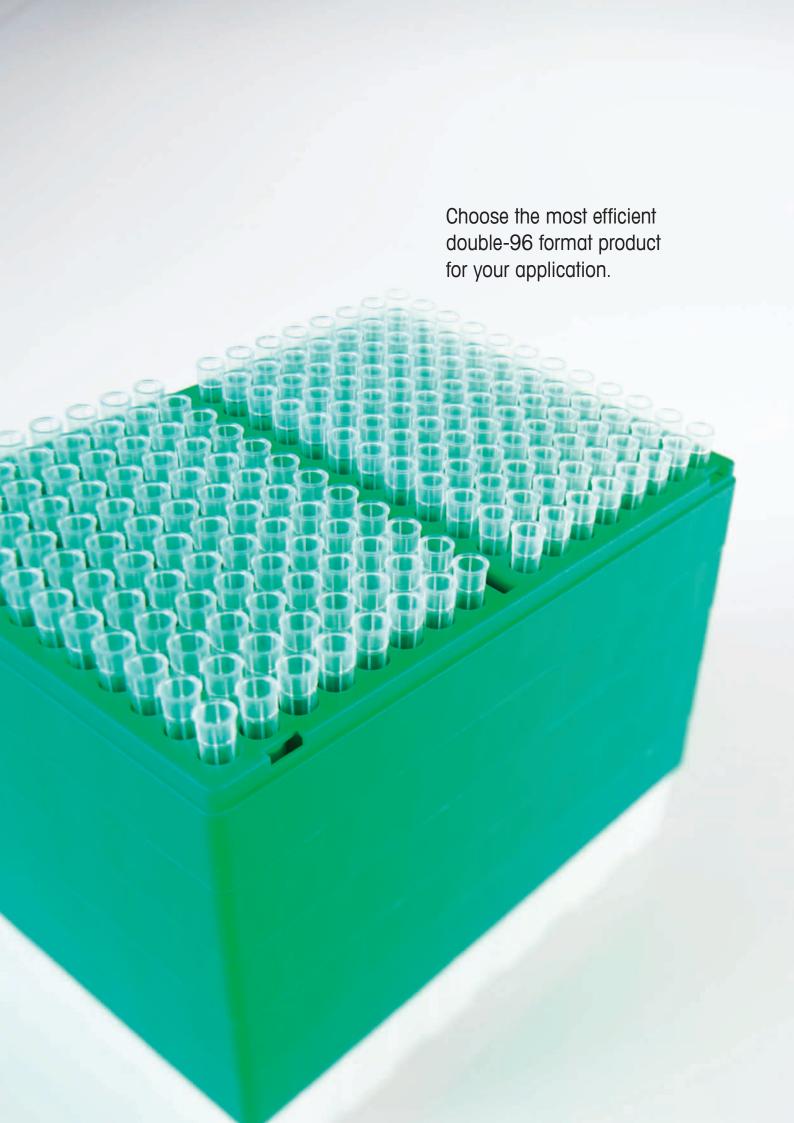
### **Economical bulk tips**

High quality, practically zero waste

Bulk tips are available in the following sizes:

**LTS:** 10, 250, 300, 1000, 1200, 2000, 5000 μl, 10 ml, and 20 ml. **Traditional:** 10, 250, 1000, 2000, 2500, 5000 μl and 10 ml.

10 ml and 20 ml are also available individually wrapped and presterilized.



# StableStak<sup>™</sup> and StableRak<sup>™</sup>

# Maximum Stability for Multichannel Work

Rainin's unique Double-96 format systems have been designed for multichannel, high-production environments. Each layer contains 192 easy-loading tips, and rubber feet prevent skidding. Ideal for working in hoods or other confined pipetting environments.



### StableStak - multilayer stacks

Save space, get 60% less waste!

- One StableStak (960 tips in 5 layers) replaces ten 96-place racks
- Each layer has 192 tips ready for use at once!
- Available in filter, presterilized, and standard in 10, 250, 300, 1000, and 1200 µl volumes



### StableRak - individual racks

Ideal for filter-tip users, 35% less waste

- Contains 192 tips in one rack
- Five StableRaks (960 tips) replace ten 96-place racks
- Available in standard and presterilized in 10, 250, 300, and 1000 µl volumes

Easiest to use Deep-well for quick tip mounting
Stable Non-skid rubber feet keep the racks in place
Rigid Strong flat trays for even tip loading
Double-96 format Saves time, increases productivity

# LTS Tips for Rainin LTS Pipettes

	Cat. No.	MT Order No.	Description	Maximum Capacity	Fits LTS Pipette	Туре
	Removable-cov	er racks				
	RT-L10	17002930	960 tips in 10 racks	20 μΙ	2, 10, 20 µl	
	RT-L10S	17002929	960 tips in 10 racks	20 μl	2, 10, 20 µl	Presterilized
	RT-L10F	17002928	960 tips in 10 racks	20 μΙ	2, 10, 20 µl	Filter, presterilized
THE RESERVE OF THE PARTY OF THE	RT-L250	17002932	960 tips in 10 racks	200 μΙ	50,100, 200 µl	•
	RT-L250S	17002931	960 tips in 10 racks	200 μΙ	50,100, 200 µl	Presterilized
(Treeseron)	RT-L200F	17002927	960 tips in 10 racks	200 µl	50,100, 200 µl	Filter, presterilized
	RT-L250W	17007102	960 tips in 10 racks	200 µl	50,100, 200 µl	Wide-orifice
	RT-L250WS	17007101	960 tips in 10 racks	200 µl	50,100, 200 µl	Wide-orifice, presterilized
	RT-L300	17002935	768 tips in 8 racks	300 µl	300 μΙ	•
	RT-L300S	17002934	768 tips in 8 racks	300 µl	300 μΙ	Presterilized
	RT-L300F	17002933	768 tips in 8 racks	300 µl	300 µl	Filter, presterilized
	RT-L1000	17002922	768 tips in 8 racks	1000 µl	1000 μΙ	
	RT-L1000S	17002921	768 tips in 8 racks	1000 µl	1000 μΙ	Presterilized
	RT-L1000F	17002920	768 tips in 8 racks	1000 µl	1000 μΙ	Filter, presterilized
	RT-L1000W	17007100	768 tips in 8 racks	1000 µl	1000 μΙ	Wide-orifice
	RT-L1000WS	17007099	768 tips in 8 racks	1000 µl	1000 μΙ	Wide-orifice, presterilized
	RT-L1200	17006421	768 tips in 8 racks	1200 µl	1200, 1000 µl	Wide cimice, presierinzed
	RT-L1200S	17006420	768 tips in 8 racks	1200 µl	1200, 1000 µl	Presterilized
	RT-L1200F	17006419	768 tips in 8 racks	1200 µl	1200, 1000 µl	Filter, presterilized
	RT-L2000	17002926	480 tips in 8 racks	2000 µl	2000 µl	rillor, presierinzea
	RT-L2000S	17002924	480 tips in 8 racks	2000 μl	2000 μΙ	Presterilized
	RT-L20005	17002923	480 tips in 8 racks	2000 μl	2000 μΙ	Filter, presterilized
	RT-L5000	17002923	192 tips in 8 racks	5000 μl	5000 μl	riller, presierilized
	RT-L5000S	17002936	192 tips in 8 racks	5000 μl	5000 µl	Presterilized
	Green-Pak GP-L10	17002424	960 tips in 10 refills	20 µl	2, 10, 20 µl	Drootovilinod
	GP-L10S	17002430	960 tips in 10 refills	20 µl	2, 10, 20 µl	Presterilized
	GP-L10F	17002429	960 tips in 10 refills	20 μΙ	2, 10, 20 µl	Filter, presterilized
	GP-L250	17002425	960 tips in 10 refills	200 μΙ	50,100, 200 µl	
	GP-L250S	17002431	960 tips in 10 refills	200 µl	50,100, 200 µl	Presterilized
	GP-L200F	17002428	960 tips in 10 refills	200 μΙ	50,100, 200 μl	Filter, presterilized
	GP-L1000	17002423	768 tips in 8 refills	1000 µl	1000 μΙ	
	GP-L1000S	17002427	768 tips in 8 refills	1000 µl	1000 μΙ	Presterilized
	GP-L1000F	17002426	768 tips in 8 refills	1000 µl	1000 μΙ	Filter, presterilized
	GPR-L10	17001865	Empty racks/lids for ar			
	GPR-L250	17001863	Empty racks/lids for ar			
	GPR-L1000	17001864	Empty racks/lids for ar	ny GP/GPS 1000	µl refills, blue, packaç	ge of 8
	Green-Pak Spa					
	GPS-L10	17005091	960 tips in 10 refills	20 μΙ	2, 10, 20 µl	
	GPS-L10S	17005090	960 tips in 10 refills	20 μΙ	2, 10, 20 µl	Presterilized
	GPS-L250	17005093	960 tips in 10 refills	200 μΙ	50,100, 200 µl	
	GPS-L250S	17005092	960 tips in 10 refills	200 μΙ	50,100, 200 µl	Presterilized
	GPS-L300	17005095	768 tips in 8 refills	300 μΙ	300 μΙ	
	GPS-L300S	17005094	768 tips in 8 refills	300 µl	300 μΙ	Presterilized
	GPS-L1000	17005089	768 tips in 8 refills	1000 μΙ	1000 μΙ	
	GPS-L1000S	17005088	768 tips in 8 refills	1000 μΙ	1000 μΙ	Presterilized
	Extended-lengt					
	RT-L250X	17008814	768 tips in 8 racks	200 μΙ	50,100, 200 µl	Ext length
			768 tips in 8 racks 768 tips in 8 racks	200 μl 200 μl	50,100, 200 μl 50,100, 200 μl	Ext length Presterilized, ext length
	RT-L250X	17008814	768 tips in 8 racks			Presterilized, ext length
	RT-L250X RT-L250XS RT-L200XF	17008814 17008815 17008887	768 tips in 8 racks 768 tips in 8 racks	200 μl 200 μl	50,100, 200 μl 50,100, 200 μl	Presterilized, ext length Filter, presterilized, ext length
	RT-L250X RT-L250XS	17008814 17008815	768 tips in 8 racks	200 µl	50,100, 200 µl	

	Cat. No.	MT Order No.	Description	Maximum Capacity	Fits LTS Pipette	Туре
	Low-retention	tins				
	RT-L10LR	17007955	960 tips in 10 racks	20 μΙ	2, 10, 20 µl	Low-retention
100	RT-L10SLR	17007956	960 tips in 10 racks	20 µl	2, 10, 20 µl	Presterilized, low-ret.
	RT-L10FLR	17007957	960 tips in 10 racks	20 µl	2, 10, 20 µl	Filter, presterilized, low-ret.
	RT-L250LR	17007959	960 tips in 10 racks	200 µl	50,100, 200 µl	Low-retention
The same of	RT-L250SLR	17007960	960 tips in 10 racks	200 μΙ	50,100, 200 µl	Presterilized, low-ret.
	RT-L200FLR	17007961	960 tips in 10 racks	200 μΙ	50,100, 200 µl	Filter, presterilized, low-ret.
400	RT-L1000LR	17007952	768 tips in 8 racks	1000 µl	1000 μΙ	Low-retention
	RT-L1000SLR	17007953	768 tips in 8 racks	1000 μΙ	1000 μΙ	Presterilized, low-ret.
	RT-L10005LR	17007954	768 tips in 8 racks	1000 µl	1000 μΙ	Filter, presterilized, low-ret.
	K1-L10001 LK	17007934	700 lips iii 0 lucks	1000 μι	1000 μι	Tiller, presierinzed, low-rei.
	StableRak dou	ble-96 format inc	lividual racks			
	SR-L10	17005862	960 tips in 5 racks	20 μΙ	2, 10, 20 µl	
	SR-L10S	17005861	960 tips in 5 racks	20 μΙ	2, 10, 20 µl	Presterilized
-11	SR-L10F	17005860	960 tips in 5 racks	20 μΙ	2, 10, 20 µl	Filter, presterilized
american de	SR-L250	17005864	960 tips in 5 racks	200 µl	50,100, 200 µl	•
101	SR-L250S	17005863	960 tips in 5 racks	200 µl	50,100, 200 µl	Presterilized
	SR-L200F	17005859	960 tips in 5 racks	200 µl	50,100, 200 µl	Filter, presterilized
301	SR-L300	17005867	768 tips in 4 racks	300 µl	300 µl	•
	SR-L300S	17005866	768 tips in 4 racks	300 µl	300 µl	Presterilized
	SR-L300F	17005865	768 tips in 4 racks	300 µl	300 μΙ	Filter, presterilized
	SR-L1000	17007083	768 tips in 4 racks	1000 µl	1000 µl	,,
	SR-L1000S	17007082	768 tips in 4 racks	1000 µl	1000 µl	Presterilized
	SR-L1000F	17007081	768 tips in 4 racks	1000 µl	1000 μΙ	Filter, presterilized
	SR-L1200	17007086	768 tips in 4 racks	1200 µl	1200, 1000 µl	· ···o·, procio·····zou
	SR-L1200S	17007085	768 tips in 4 racks	1200 µl	1200, 1000 µl	Presterilized
				IZUU UI	1200. 1000 ui	FIESIEIIIZEU
		17007084		1200 µl	1200, 1000 µl	
	SR-L1200F	17007084	768 tips in 4 racks			Filter, presterilized
	SR-L1200F StableStak dou	17007084 ible- <b>96</b> format st	768 tips in 4 racks	1200 µl	1200, 1000 µl	
1	SR-L1200F  StableStak dou SS-L10	17007084 <b>Ible-96 format st</b> 17005873	768 tips in 4 racks  acked racks  960 tips in 5 layers	1200 µl 20 µl	1200, 1000 µl 2, 10, 20 µl	Filter, presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S	17007084 sble-96 format st 17005873 17005872	768 tips in 4 racks  acked racks  960 tips in 5 layers  960 tips in 5 layers	1200 µl 20 µl 20 µl	1200, 1000 µl 2, 10, 20 µl 2, 10, 20 µl	
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250	17007084 sble-96 format st 17005873 17005872 17005875	768 tips in 4 racks  acked racks  960 tips in 5 layers  960 tips in 5 layers  960 tips in 5 layers	20 µl 20 µl 20 µl 200 µl	1200, 1000 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl	Filter, presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S	17007084 sible-96 format st 17005873 17005872 17005875 17005874	768 tips in 4 racks  acked racks  960 tips in 5 layers	20 µl 20 µl 20 µl 200 µl 200 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl	Filter, presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L250S	17007084 ible-96 format st 17005873 17005872 17005875 17005874 17005877	768 tips in 4 racks  acked racks  960 tips in 5 layers  768 tips in 4 layers	20 µl 20 µl 20 µl 200 µl 200 µl 300 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl	Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L250S SS-L300 SS-L300S	17007084 <b>ible-96 format st</b> 17005873 17005872 17005875 17005874 17005877 17005876	768 tips in 4 racks  acked racks  960 tips in 5 layers  768 tips in 4 layers  768 tips in 4 layers	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl	Filter, presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L250S SS-L300 SS-L300S SS-L300S	17007084 17005873 17005872 17005875 17005874 17005877 17005876 17007090	768 tips in 4 racks  acked racks  960 tips in 5 layers  768 tips in 4 layers  768 tips in 4 layers  768 tips in 4 layers	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl 1000 µl	Presterilized  Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L250S SS-L300 SS-L300S	17007084 <b>ible-96 format st</b> 17005873 17005872 17005875 17005874 17005877 17005876	768 tips in 4 racks  acked racks  960 tips in 5 layers  768 tips in 4 layers  768 tips in 4 layers	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl	Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L250S SS-L300 SS-L300S SS-L300S	17007084 17005873 17005872 17005875 17005874 17005877 17005876 17007090	768 tips in 4 racks  acked racks  960 tips in 5 layers  768 tips in 4 layers  768 tips in 4 layers  768 tips in 4 layers	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl 1000 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S	17007084 17005873 17005872 17005875 17005874 17005877 17005876 17007090	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl 1000 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S  Bulk tips	17007084 1ble-96 format st 17005873 17005872 17005875 17005874 17005877 17005876 17007090 17007089	768 tips in 4 racks  acked racks  960 tips in 5 layers  768 tips in 4 layers  768 tips in 4 layers  768 tips in 4 layers	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl 1000 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S  Bulk tips RC-L10	17007084 1ble-96 format st 17005873 17005872 17005875 17005874 17005876 17007090 17007089	768 tips in 4 racks  acked racks  960 tips in 5 layers  768 tips in 4 layers  1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl 1000 µl 1000 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S  Bulk tips RC-L10 RC-L10/10	17007084 17005873 17005872 17005875 17005874 17005877 17005876 17007090 17007089	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S  Bulk tips RC-L10 RC-L10/10 RC-L250	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags 10x1000 tips in bags 10x1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 20 µl 20 µl 200 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S  Bulk tips RC-L10 RC-L10/10 RC-L250 RC-L250/10 RC-L300	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118 17000506 17001132	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags 10x1000 tips in bags 10x1000 tips in bags 10x1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 20 µl 20 µl 20 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000 SS-L1000S  Bulk tips RC-L10 RC-L10/10 RC-L250 RC-L250/10 RC-L300 RC-L300 RC-L1000	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118 17000506 17001132 17001129	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags 10x1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 20 µl 20 µl 200 µl 300 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S  Bulk tips RC-L10 RC-L10/10 RC-L250 RC-L250/10 RC-L300 RC-L300 RC-L1000/10	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118 17000506 17001132 17001129 17000498	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 768 tips in bags 1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 20 µl 200 µl 200 µl 300 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000 SS-L1000 SS-L1000 RC-L10/10 RC-L250 RC-L250/10 RC-L300 RC-L1000/10 RC-L1000/10 RC-L1200	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118 17000506 17001132 17001129 17000498 170006324	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags 10x1000 tips in bags 10x1000 tips in bags 10x1000 tips in bags 10x000 tips in bags 10x1000 tips in bags 10x1000 tips in bags 10x1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 200 µl 200 µl 200 µl 200 µl 1000 µl 1000 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S  Bulk tips RC-L10 RC-L10/10 RC-L250 RC-L250/10 RC-L300 RC-L1000/10 RC-L1000/10 RC-L1200 RC-L1200 RC-L2000	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118 17000506 17001132 17001129 17000498 17000498 17006324 17001130	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags 10x1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 200 µl 200 µl 200 µl 1000 µl 1000 µl 1000 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 50,100, 200 µl 1000 µl 1000 µl 1000 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000 SS-L1000 RC-L10/10 RC-L250 RC-L250/10 RC-L300 RC-L1000/10 RC-L1200 RC-L1200 RC-L2000 RC-L2000 RC-L5000	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118 17000506 17001132 17001129 17000498 17000498 17000130 17001130 17001133	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags 10x1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 20 µl 200 µl 200 µl 200 µl 200 µl 200 µl 200 µl 300 µl 1000 µl 1000 µl 1000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 50,100, 200 µl 1000 µl 1000 µl 1000 µl 1200,1000 µl 2000 µl	Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000S  Bulk tips RC-L10 RC-L10/10 RC-L250 RC-L250/10 RC-L300 RC-L1000/10 RC-L1000/10 RC-L1200 RC-L1200 RC-L2000 RC-L2000 RC-L5000 RC-L5000 RC-L10ML	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118 17000506 17001132 17001129 17000498 17000498 17000130 17001130 17001133	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags 10x1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 20 µl 200 µl 200 µl 200 µl 200 µl 200 µl 200 µl 1000 µl 1000 µl 1000 µl 1000 µl 1000 µl 11000 µl 11000 µl 11000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 1000 µl 1000 µl 1200,1000 µl 2000 µl 5000 µl	Presterilized  Presterilized  Presterilized  Presterilized  Presterilized
	SR-L1200F  StableStak dou SS-L10 SS-L10S SS-L250 SS-L250S SS-L300 SS-L300S SS-L1000 SS-L1000 SS-L1000 RC-L10/10 RC-L250 RC-L250/10 RC-L300 RC-L1000/10 RC-L1200 RC-L1200 RC-L2000 RC-L2000 RC-L5000	17007084  17005873 17005872 17005875 17005874 17005876 17007090 17007089  17001128 17000504 17001118 17000506 17001132 17001129 17000498 17000498 17000130 17001130 17001133	768 tips in 4 racks  960 tips in 5 layers 768 tips in 4 layers 1000 tips in bags 10x1000 tips in bags	20 µl 20 µl 20 µl 200 µl 200 µl 300 µl 300 µl 1000 µl 1000 µl 20 µl 200 µl 200 µl 200 µl 200 µl 200 µl 200 µl 1000 µl 1000 µl 1000 µl 1000 µl 1000 µl 11000 µl 11000 µl 11000 µl	2, 10, 20 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 300 µl 1000 µl 1000 µl 2, 10, 20 µl 2, 10, 20 µl 50,100, 200 µl 50,100, 200 µl 50,100, 200 µl 1000 µl 1000 µl 1000 µl 1200,1000 µl 2000 µl	Presterilized  Presterilized  Presterilized

# **Pipette Compatibility with LTS Tips**

		Fina		Point																	Macro LTS				100 1		
		Point	20 μ	L	250	μL	300 l	٦L	1000	) μL	1200	μL	2000	μL	Filtered						5000	μL	10 m	L	20 m	L	
		Fine Point	RC-L10 / RT-L10 / GP-L10 / GPS-L10 / SR-L10 / SS-L10 / RT-L10LR	RT-L10S / 6P-L10S / 6PS-L10S / SR-L10S / SS-L10S / RT-L10SLR	JLR /		RC-L300 / RT-L300 / GPS-L300 / SR-L300 / SS-L300	RT-L300S / GPS-L300S / SR-L300S / SS-L300S	RC-L1000 / RT-L1000 / GP-L1000 / GPS-L1000 / SR-L1000 / SS-L1000 / SR-L1000 / RT-L1000W / RT-L1000W	OOOSLR /	RC-L1200 / RT-L1200 / SR-L1200 / RT-L1200LR	RT-L1200S / SR-L1200S / RT-L1200SLR	RC-L2000 / RT-L2000		RT-L10F / GP-L10F / SR-L10F/RT-L10FLR (30 µL)	RT-L200F / GP-L200F / SR-L200F / RT-L200FLR / RT-L200XF (200 µL)	RT-L300F / SR-L300F (300 µL)	RT-L1000F / GP-L1000F / SR-L1000F / RT-L1000FLR (1000 uL)	RT-L1200F / SR-L1200F / RT-L1200FLR (1200 µL) RT-L1000XF (1250 µL)	RT-L2000F (2000 µL)	RC-L5000 / RT-L5000			RC-L10MLS (Individually Wrapped)		RC-L20MLS (Individually Wrapped)	
	Pipette Model	Recommended Volume Range	/017	108/	L250 250V	250S 250V	1300	3008	1000	1000	L1200	1200	12000	RT-L2000S	.10F/	.200F	.300F	1000	1200	2000	L5000	RT-L5000S	RC-L10ML	L10M	RC-L20ML	L20M	
		(μL)	5	RT-	-S-F	RT-L RT-L	5	RT-I	윤	RT-L RT-L	5	RT-I	5	RT-L	RT-L	RT-L	RT-L	RT-L	RT-L RT-L	RT-L	5	RT-L	5	5	5	-5-	
S	L-2XLS	0.1 - 2	•	•											•												
Pipet-Lite XLS	L-10XLS	0.5 - 10	•	•											•												
Ξ	L8-10XLS	0.5 - 10	•	•											•												
jbe	L12-10XLS	0.5 - 10	•	•											•												
	L-20XLS	2 - 20	•	•											•												
	L8-20XLS	2 - 20	•	•											•												
	L12-20XLS	2 - 20	•	•											•												
	L8-50XLS	5 - 50			•	•										•											
	L12-50XLS	5 - 50			•	•										•											
	LA8-50XLS	5 - 50			•	•										•											
	L-100XLS	10 - 100			•	•										•											
	L-200XLS	20 - 200			•	•										•											
	L8-200XLS	20 - 200			•	•										•											
	L12-200XLS	20 - 200			•	•										•											
	L-300XLS	20 - 300					•	•									•										
	L8-300XLS	20 - 300					•	•									•								$\vdash \vdash$		
	L12-300XLS	20 - 300	-				•	•									•		$\vdash$						$\vdash$		
	LAG-300XLS	20 - 300					•	•									•								$\vdash$		
	LA8-300XLS	20 - 300					•	•			_	_					•	_	_								
	L-1000XLS	100 - 1000							•	•	•	•						•	•								
	L8-1200XLS	100 - 1200	-						•	•	•	•							•						$\vdash\vdash$	$\vdash$	
	L12-1200XLS	100 - 1200							•	•	•	•													$\vdash$		
	LA6-1200XLS LA8-1200XLS	100 - 1200 100 - 1200							•	•	•	•							•						$\vdash$		
	L-2000XLS	200 - 2000									•		•	•						•							
	L-5000XLS	500 - 5000																		•	•	•					
	L-10MLXLS	1 - 10 mL																					•	•			
	L-20MLXLS	2 - 20 mL																								•	
					1								<u> </u>			<u> </u>											

		Fine	Fine	Point	<b>LTS</b>   250	ul	300	ul	1000	) ut = 1	1200	) ul	2000	) ul	Filtere	ad						ro LTS	<b>LTS</b> μL   10 mL		20 m	mL
		Point	<sup>20 µ</sup>	l	250	μ <u>ι</u> 	300	μ <u>ι</u> 	1000	i	1200	, μι 	2000	) μι 	I IIIIGIG	ju I			I		3000	, μι 	10111	l	20 111	<u>"</u>
	Pipette Model	Recommended Volume Range (µL)	RC-L10 / RT-L10 / GP-L10 / GPS-L10 / SR-L10 / SS-L10 / RT-L10LR	RT-L10S / GP-L10S / GPS-L10S / SR-L10S / SS-L10S / RT-L10SLR	RC-L250 / RT-L250 / GP-L250 / GPS-L250 / SR-L250 / SS-L250 / RT-L250LR / RT-L250W / RT-L250W	RT-L250S / GP-L250S / GPS-L250S / SR-L250S / SS-L250S / RT-L250SLR / RT-L250WS / RT-L250WS	RC-L300 / RT-L300 / GPS-L300 / SR-L300 / SS-L300	RT-L300S / GPS-L300S / SR-L300S / SS-L300S	RC-L1000 / RT-L1000 / GP-L1000 / GPS-L1000 / SR-L1000 / SS-L1000 / RT-L1000LR / RT-L1000W / RT-L10000X	RT-L1000S / GP-L1000S / GPS-L1000S / SR-L1000S / SS-L1000S / RT-L1000SLR / RT-L1000WS / RT-L1000WS	RC-L1200 / RT-L1200 / SR-L1200 / RT-L1200LR	RT-L1200S / SR-L1200S / RT-L1200SLR	RC-L2000 / RT-L2000	RT-L2000S	RT-L10F / GP-L10F / SR-L10F/ RT-L10FLR (30 µL)	RT-L200F / GP-L200F / SR-L200F / RT-L200FLR / RT-L200XF (200 µL)	RT-L300F / SR-L300F (300 µL)	RT-L1000F / GP-L1000F / SR-L1000F / RT-L1000FLR (1000 uL)	RT-L1200F / SR-L1200F / RT-L1200FLR (1200 μL) RT-L1000XF (1250 μL)	RT-L2000F (2000 µL)	RC-L5000 / RT-L5000	RT-L5000S	RC-L10ML	RC-L10MLS (individually Wrapped)	RC-L20ML	RC-L20MLS (Individually Wrapped)
E4	E4-10XLS	0.5 - 10	•	•											•											
	E8-10XLS	0.5 - 10	•	•											•											
	E12-10XLS	0.5 - 10	•	•											•											
	E4-20XLS	2.0 - 20	•	•											•											
	E8-20XLS	2.0 - 20	•	•											•										_	$\vdash$
	E12-20XLS	2.0 - 20	•	•	$\vdash$										•						_				_	$\vdash$
	E8-50XLS	5 - 50				•										•										
	E12-50XLS	5 - 50			•	•										•										
					-	_																			-	
	EA8-50XLS	5 - 50			•	•										•										
	E4-100XLS	10 - 100			•	•										•										
	E4-200XLS	20 - 200			•	•										•									-	
	E8-200XLS	20 - 200			•	•										•										
	E12-200XLS	20 - 200			•	•										•										
	E4-300XLS	30 - 300	<u> </u>		-	-	•	•	-								•				<u> </u>				<del></del>	$\vdash \vdash$
	E8-300XLS	30 - 300			_		•	•	-	$\square$				-			•								₩	$\sqcup$
	E12-300XLS	30 - 300					•	•									•								<u> </u>	
	EA6-300XLS	30 - 300			_		•	•									•								<u> </u>	$\sqcup$
	EA8-300XLS	30 - 300					•	•									•									
	E4-1000XLS	100 - 1000							•	•	•	•						•	•							
	E8-1200XLS	100 - 1200							•	•	•	•							•						<u> </u>	
	EA6-1200XLS	100 - 1200							•	•	•	•							•							
	EA8-1200XLS	100 - 1200							•	•	•	•							•							
	E/IO 1200/ILO		_							1					ı						l				1	1 1
	E12-1200XLS	100 - 1200							•	•	•	_							•							
		100 - 1200 200 - 2000							•	•			•	•						•						
	E12-1200XLS								•	•			•	•						•	•	•				
	E12-1200XLS E4-2000XLS	200 - 2000							•	•			•	•						•	•	•	•	•		

Key: RC - Bulk, RT - Lift-Off-Cover Rack, GP - Green-Pak Refill, GPS - Green-Pak SpaceSaver Refill, SR - StableRak, SS - StableStak

# **Traditional Tips**

	Cat. No.	MT Order No.	Description	Maximum Capacity	Fits Traditional Pipette Model	Туре
	Removable-co	over racks				
	RT-10	17002896	960 tips in 10 racks	10 μΙ	2, 10 μΙ	
	RT-10S	17002905	960 tips in 10 racks	10 µl	2, 10 µl	Presterilized
	RT-10F	17002904	960 tips in 10 racks	10 μΙ	2, 10 μΙ	Filter, presterilized
	RT-10G	17002908	960 tips in 10 racks	10 μΙ	2, 10 μΙ	ShaftGard
	RT-10GS	17002907	960 tips in 10 racks	10 µl	2, 10 μΙ	ShaftGard / Presterilized
The second second	RT-10GF	17002906	960 tips in 10 racks	10 µl	2, 10 μΙ	ShaftGard / Filter, prester.
	RT-20F	17002917	960 tips in 10 racks	30 µl	20, 25 µl	Filter, presterilized
	RT-100F	17002903	960 tips in 10 racks	100 µl	100 μΙ	Filter, presterilized
	RT-250	17002916	960 tips in 10 racks	250 µl	20, 25, 100, 200, 250 µl	
	RT-250S	17002913	960 tips in 10 racks	250 µl	20, 25, 100, 200, 250 µl	Presterilized
	RT-200F	17002912	960 tips in 10 racks	200 µl	200, 250 µl	Filter, presterilized
	RT-1000	17002902	768 tips in 8 racks	1000 µl	1000 μΙ	· ·
	RT-1000S	17002901	768 tips in 8 racks	1000 µl	1000 µl	Presterilized
	RT-1000F	17002897	768 tips in 8 racks	1000 µl	1000 µl	Filter, presterilized
	RT-2000	17002911	480 tips in 8 racks	2000 µl	2000, 2500 µl	
	RT-2000S	17002910	480 tips in 8 racks	2000 µl	2000, 2500 µl	Presterilized
	RT-2000F	17002909	480 tips in 8 racks	2000 µl	2000, 2500 µl	Filter, presterilized
	RT-5000	17002919	192 tips in 8 racks	5000 µl	5000 μl	· · · · · · · · · · · · · · · · · · ·
	RT-5000S	17002918	192 tips in 8 racks	5000 µl	5000 µl	Presterilized
				•	•	
	Green-Pak					
	GP-10	17002419	960 tips in 10 refills	10 μΙ	2, 10 µl	
	GP-10S	17002415	960 tips in 10 refills	10 µl	2, 10 µl	Presterilized
	GP-10F	17002414	960 tips in 10 refills	10 μΙ	2, 10 µl	Filter, presterilized
The state of the s	GP-10G	17002418	960 tips in 10 refills	10 µl	2, 10 µl	ShaftGard
	GP-10GS	17002417	960 tips in 10 refills	10 μΙ	2, 10 µl	ShaftGard / Presterilized
-	GP-10GF	17002416	960 tips in 10 refills	10 μΙ	2, 10 µl	ShaftGard / Filter, prester.
and the second	GP-20F	17002422	960 tips in 10 refills	30 µl	20, 25 µl	Filter, presterilized
	GP-100F	17002413	960 tips in 10 refills	100 μΙ	100 μΙ	Filter, presterilized
	GP-250	17002409	960 tips in 10 refills	250 μΙ	20, 25, 100, 200, 250 µl	
	GP-250S	17002421	960 tips in 10 refills	250 μΙ	20, 25, 100, 200, 250 µl	Presterilized
	GP-200F	17002420	960 tips in 10 refills	200 μΙ	200, 250 μl	Filter, presterilized
	GP-1000	17002412	768 tips in 8 refills	1000 μΙ	1000 μΙ	
	GP-1000S	17002411	768 tips in 8 refills	1000 μΙ	1000 μΙ	Presterilized
	GP-1000F	17002410	768 tips in 8 refills	1000 μΙ	1000 μΙ	Filter, presterilized
	GPR-10	17001860	Empty racks/ lids for			
	GPR-10G	17001862	Empty racks/ lids for	GP-10G, GPS-	10G products, Red, pkg of 10, S	ShaftGard
	GPR-250	17001861			250 products, Green, pkg of 10	
	GPR-1000	17001859	Empty racks/ lids for	GP-1000, GPS	-1000 products, Blue, pkg of 8	
	Green-Pak Sp					
	GPS-10G	17005085	960 tips in 10 refills	10 µl	2, 10 μΙ	ShaftGard
	GPS-10GS	17005084	960 tips in 10 refills	10 μΙ	2, 10 μΙ	ShaftGard / Presterilized
	GPS-250	17005087	960 tips in 10 refills	250 μΙ	20, 25, 100, 200, 250 µl	
	GPS-250S	17005086	960 tips in 10 refills	250 μΙ	20, 25, 100, 200, 250 µl	Presterilized
	GPS-1000	17005083	768 tips in 8 refills	1000 μΙ	1000 μΙ	
	GPS-1000S	17005082	768 tips in 8 refills	1000 μΙ	1000 μΙ	Presterilized
	0					
STATE OF THE PARTY OF	StableStak	17005000	000 tine in 5 leave	050 11	00 05 100 000 050 1	
Any Line of the London	SS-250	17005869	960 tips in 5 layers	250 μΙ	20, 25, 100, 200, 250 µl	
	SS-250S	17005868	960 tips in 5 layers	250 μΙ	20, 25, 100, 200, 250 µl	Presterilized
Warried of	SS-300	17005871	768 tips in 4 layers	300 μΙ	300 μΙ	
	SS-1000	17007088	768 tips in 4 layers	1000 μΙ	1000 μΙ	
	SS-1000S	17007087	768 tips in 4 layers	1000 µl	1000 μΙ	Presterilized
		17007007	, 00 lipo ili 4 luy013	1000 μι	1000 μι	1.130101111200

	Cat. No.	MT Order No.	Description	Maximum Capacity	Fits Traditional Pipette Model	Туре
	StableRak					
	SR-20F	17005858	960 tips in 5 racks	30 µl	20, 25 µl	Filter, presterilized
	SR-100F	17005851	960 tips in 5 racks	100 µl	100 μΙ	Filter, presterilized
	SR-250	17005854	960 tips in 5 racks	250 µl	20, 25, 100, 200, 250 µl	
	SR-250S	17005853	960 tips in 5 racks	250 μl	20, 25, 100, 200, 250 µl	Presterilized
1	SR-200F	17005852	960 tips in 5 racks	200 µl	200 μΙ	Filter, presterilized
	SR-300	17005857	768 tips in 4 racks	300 µl	300 µl	· ·
	SR-300F	17005855	768 tips in 4 racks	300 µl	300 µl	Filter, presterilized
	SR-1000	17007080	768 tips in 4 racks	1000 µl	1000 μΙ	, ,
	SR-1000S	17007079	768 tips in 4 racks	1000 µl	1000 μΙ	Presterilized
	SR-1000F	17007078	768 tips in 4 racks	1000 ul	1000 μΙ	Filter, presterilized
	Specialty tips		The same of the sa			
	GT-10-2	17002375	200 tips in 1 rack	10 μΙ	2, 10 µl	Gel-Well, 0.17 mm
	GT-10-4	17002377	200 tips in 1 rack	10 μΙ	2, 10 µl	Gel-Well, 0.37 mm
	GT-10-6	17002380	200 tips in 1 rack	10 µl	2, 10 µl	Gel-Well, 0.57 mm
W W W	GT-250-2	17002376	200 tips in 1 rack	250 µl	20, 25, 100, 200, 250 µl	Gel-Well, 0.17 mm
W W	GT-250-4	17002378	200 tips in 1 rack	250 µl	20, 25, 100, 200, 250 µl	Gel-Well, 0.37 mm
	GT-250-6	17002379	200 tips in 1 rack	250 µl	20, 25, 100, 200, 250 µl	Gel-Well, 0.57 mm
	RC-250W	17001127	1000 tips in bags	250 µl	20, 25, 100, 200, 250 µl	Wide-orifice
	HR-250W	17005716	960 tips in 10 racks	250 µl	20, 25, 100, 200, 250 µl	Wide-orifice
	HR-250WS	17005715	960 tips in 10 racks	250 μl	20, 25, 100, 200, 250 µl	Wide-orifice / Presterilized
	HR-1000W	17005714	1000 tips in 10 racks	1000 µl	1000 μΙ	Wide-orifice
	HR-1000WS	17005713	1000 tips in 10 racks	1000 µl	1000 µl	Wide-orifice / Presterilized
	Bulk tips					
	RC-10	17001124	1000 tips in bags	10 µl	2, 10 µl	
	RC-10G	17001124	1000 tips in bags	10 μl	2, 10 µl	ShaftGard
	RC-10/10	17001123	10x1000 tips in bags	10 μl	2, 10 µl	Shaneara
	RC-250	17004280		250 μl	20, 25, 100, 200, 250 µl	
			1000 tips in bags			
	RC-250/10 RC-200	17001975 17001120	10x1000 tips in bags	250 μl 1000 μl	20, 25, 100, 200, 250 µl 1000 µl	Non financiat
		17001120	1000 tips in bags			Non-finepoint
	RC-1000		1000 tips in bags	1000 µl	1000 µl	
	RC-1000/10	17001977	10x1000 tips in bags	1000 µl	1000 µl	
	RC-2000	17001125	1000 tips in bags	2000 µl	2000, 2500 µl	
	RC-2500	17001126	1000 tips in bags	2500 µl	2500 μΙ	
	RC-5000	17001117	1000 tips in bags	5000 μl	5000 μΙ	
	RC-10ML	17001122	200 tips in bags	10 ml	10 ml	
	RC-10MLS	17005939	75 tips individ. wrapped	10 ml	10 ml	