

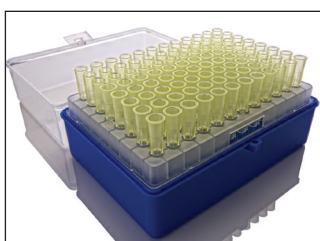
Packaging Formats

We offer a comprehensive choice of packaging formats to suit your needs.



Loose

Loose tips are supplied in durable, resealable, polythene bags for hand racking or use straight from the bag.



Racked

Tips are pre-racked and are available in **non-sterile** and **sterile** options. Most non-sterile tips are autoclavable – see individual tip pages for details. Sterile tips have been treated with e-beam or gamma radiation and each rack is individually wrapped and sealed.



Fastrak® Refill System

Fastrak® is a unique, eco-friendly system for rapid refilling of racks with minimal packaging and waste. See page 38-39 for details.

Five Easy Steps to Tip Selection

By following the easy to use tip selection guide and packaging icon key below, you can make sure that the tip you require is available in the style and format that best suits your applications.

Tip Description and Volume Range μ l		Non-Filter
		0.1-10 μ l Micro Ultrafine
Coding and Certification (see page 33)		D,E,G,M,R
Pipette Make	Model	
Alpha+	Variable Volume	0.1-2.5, 0.5-10
	Fixed Volume	2.5, 5, 10
	Multi Channel	0.5-10
	Picus®/Picus®N&T Single Channel	0.2-10
	Picus®/Picus®N&T Multi Channel	0.2-10
Sartorius (Biohit)	mLINE®/Proline Plus®	0.5-10
	Proline® 1	
	Electronic	0.5-10
	Reference	0.1-2.5, 0.5-10
Eppendorf®	Research Pro	0.5-10
	Research	0.1-2.5, 0.5-10
	Research Plus	0.5-10
Gilson	Pipetman	P2, 10
	Pipetman Ultra	U2, 10
	Pipetman Classic,G,L	0.2-2, 1-10
Rainin®	EDP3	
	EDP1	
	Pipet Lite SL	0.1-2, 0.5-10
Loose Non-Sterile		Pack Size 1000 Price/Pack £16.20 Cat. No. LW1126
Racked Non-Sterile		Pack Size 12 x 96 Price/Pack £45.80 Cat. No. LW1136
Racked Sterile		Pack Size 12 x 96 Price/Pack £51.50







Tip and Colour Coding for Easy Identification

The tip fit tables are colour-coded to indicate the maximum volume of your chosen tip.








White	10 μ l tip
Yellow	200 μ l tip
Blue	1000 μ l tip
Purple	Other volumes

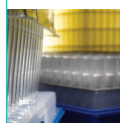
- D** Tips are lot tested and certified for absence of detectable human DNA
- Ds** Sterile tips only are lot tested and certified for absence of detectable human DNA
- E** Tips are lot tested and certified for absence of detectable endotoxins (pyrogens)
- Es** Sterile tips only are lot tested and certified for absence of detectable endotoxins (pyrogens)
- G** Tips have graduations to visually check volume
- M** Tips are tested and certified for absence of heavy metals
- N** Low Retention Resin
- R** Tips are lot tested and certified for absence of detectable DNase and RNase
- T** Tips have reduced forces for mounting and ejection to avoid strain injuries
- U** Tips have a thin, flexible point which allows the last drop to be dispensed easily

Pipette Tips









Tip Description and Volume Range μl		Non-Filter				
		0.1-10 μl Micro Ultrafine	1-200 μl 'Everyday' Bevel	1-200 μl Bevel	1-200 μl Reference Bevel	1-200 μl Bevel
Coding and Certification (see page 33)		D,E,G,M,R		D,E,M,R	D,E,G,M,R	Ds,E,G
Pipette Make	Model	Pipette Volume Range μl				
alpha+	Variable Volume	0.1-2.5, 0.5-10	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200
	Fixed Volume	2.5, 5, 10	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200
	Multi Channel	0.5-10		5-50, 10-100, 20-200	5-50, 10-100, 20-200	5-50, 10-100, 20-200, 30-300
Sartorius (Biohit)	Picos®/Nxt Single Channel	0.2-10	5-120, 10-300	5-120, 10-300	5-120, 10-300	
	Picos®/Nxt Multi Channel	0.2-10	5-120, 10-300	5-120, 10-300	5-120, 10-300	
	eLINE®	0.2-10	5-120	5-120	5-120	
	Tacta/mLNE/Proline+	0.5-10	20-200	20-200	20-200	2-20, 10-100, 20-200 (5-100 M/C)
	Proline® ¹		2-200	2-200	2-20	2-20, 5-50, 10-100, 20-200 (5-50 M/C)
Eppendorf®	Electronic	0.5-10	5-100, 20-200	5-100, 20-200	5-100, 20-200	
	Reference	0.1-2.5, 0.5-10	2-200	2-200	2-200	2-20, 10-100, 50-200
	Research Pro	0.5-10	5-100	5-100	5-100	
	Research	0.1-2.5, 0.5-10	2-200	2-200	2-200	
	Research Plus	0.5-10	2-20, 10-100, 20-200, (M/C 10-100)	2-20, 10-100, 20-200, (M/C 10-100)	2-20, 10-100, 20-200, (M/C 10-100)	2-20, 10-100, 20-200 (M/C 10-100)
Gilson	Pipetman	P2, 10	P20, 100, 200	P20, 100, 200	P20, 100, 200	
	Pipetman Ultra	U2, 10	U20, 100, 200	U20, 100, 200	U20, 100, 200	
	Pipetman Classic, G, L	0.2-2, 1-10	2-200, 10-200, 20-200, 50-200, (M/C 1-20, 20-200)	2-200, 10-200, 20-200, 50-200, (M/C 1-20, 20-200)	2-200, 10-200, 20-200, 50-200, (M/C 1-20, 20-200)	2-20, 20-100, 50-200
Rainin®	EDP3		2-200	2-200	2-200	
	EDP1		2-200	2-200	2-200	
	Pipet Lite SL	0.1-2, 0.5-10	2-20, 10-100, 20-200	2-20, 10-100, 20-200	2-20, 10-100, 20-200	2-20, 10-100, 20-200
	Classic					
Thermo Electron Finnpiptette™	Digital	0.2-10, 0.5-10	2-200	2-200	2-200	
	Focus	0.3-10	1-100	1-100	1-100	
	Biocontrol	0.5-10	5-200	5-200	5-200	
	Novus	1-10	1-100	1-100	1-100	
	Finnpiptette 4500					0.5-5, 2-20, 5-50, 10-100, 20-200, (M/C 5-50)
Tip Coding and Certification Key available - see page 33  Fastrak® tip refill available - see pages 38-39 <i>All tips illustrated are actual size unless otherwise stated</i>						
		Filter Tips available Fastrak® available		Filter Tips available Fastrak® available	Filter Tips available Fastrak® available	
Loose Non-Sterile	Cat. No.	LW1154	ED0200	LW6361	LW6391	LP200BVB
	Pack Size	1000	1000	1000	1000	1000
Racked Non-Sterile	Cat. No.	LW1126		LW6360		LP200BVR
	Pack Size	12 x 96		10 x 96		10 x 96
Racked Sterile	Cat. No.	LW1136		LW6365S	LW6393S	LP200BVRYS
	Pack Size	12 x 96		10 x 96	10 x 96	10 x 96

1. Also labelled as Jencons Sealpette and as Genex.










Low Retention				Tip Description and Volume Range μ l	
0.1-10 μ l Micro Low Retention	0.5-10 μ l Extended Low Retention	1-200 μ l Low Retention	1-300 μ l Low Retention		
Ds,E,N	E,N	E,G,N	E,G,N	Coding and Certification (see page 33)	
				Model	Pipette Make
0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	Variable Volume	alpha+
2.5, 5, 10	2.5, 5, 10	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	Fixed Volume	
0.5-10	0.5-10	5-50, 10-100, 20-200	5-50, 10-100, 20-200, 30-300	Multi Channel	
				Picus®/Picus®Nxt Single Channel	Sartorius (Biohit)
				Picus®/Picus®Nxt Multi Channel	
				eLINE®	
0.1-3,0.5-10	0.1-3,0.5-10	2-20, 10-100, 20-200 (5-100 M/C)	2-20, 10-100, 20-200 (M/C 5-100 30-300)	Tacta/mLINE/Proline+	
0.1-2.5,0.5-10	0.1-2.5,0.5-10	2-20, 5-50, 10-100, 20-200 (5-50 M/C)	2-20, 5-50, 10-100, 20-200 (M/C 5-50, 50-300)	Proline® 1	Eppendorf®
				Electronic	
0.1-2.5, 0.5-10	0.1-2.5, 0.5-10, 2-20 micro	2-20,10-100, 50-200	2-20,10-100, 50-200	Reference	
				Research Pro	Eppendorf®
				Research	
0.1-2.5, 0.5-10	0.1-2.5, 0.5-10, 2-20 micro	2-20, 10-100,20-200 (M/C 10-100)	2-20, 10-100,20-200 (M/C10-100, 30-300)	Research Plus	Gilson
				Pipetman	
				Pipetman Ultra	
0.2-2, 1-10	0.2-2, 1-10	2-20, 20-100, 50-200	2-20, 20-100, 50-200	Pipetman Classic,G,L	Rainin®
				EDP3	
				EDP1	
0.1-2, 0.5-10	0.1-2, 0.5-10	2-20,10-100, 20-200	2-20,10-100, 20-200	Pipet Lite SL	
				Classic	Thermo Electron Finnpipette™
				Digital	
				Focus	
				Biocontrol	
				Novus	Finnpipette™
0.2-2, micro,0.5-5, micro	0.2-2, micro,0.5-5, micro	0.5-5, 2-20, 5-50, 10-100, 20-200, (M/C 5-50)	0.5-5, 2-20, 5-50, 10-100, 20-200, (M/C 5-50, 50-300)	Finnpipette 4500	
				<p>Tip Fit</p> <p>We have indicated the tip compatibility with popular brands and models of pipette. Manufacturers can however change their pipette specifications without our knowledge, so it is always best to ask for samples and check tip fit with your particular pipettes. Likewise, if your pipette is not shown in the tip fit tables, please request samples or contact us for advice.</p> <p>Please note that the tip's maximum volume must not be exceeded, regardless of the volume range of your pipette.</p> <p><i>All tips illustrated are actual size unless otherwise stated</i></p>	
Filter Tips available	Filter Tips available	Filter Tips available	Filter Tips available	Cat. No.	Loose Non-Sterile
LP010N 1000	LP010XLN 1000	LP200N 1000		Pack Size 	
			LP300NR 10 x 96	Cat. No. Pack Size	Racked Non-Sterile
				Cat. No. Pack Size	Racked Sterile
					
					



Pipette Tips

Tip Description and Volume Range μl		100-1000 μl 'Everyday' Ultrafine	100-1000 μl	100-1000 μl Ultrafine	100-1000 μl Reference Ultrafine				
Coding and Certification (see page 33)			E,G	D,E,M,R	D,E,M,R				
Pipette Make	Model	Pipette Volume Range μl							
alpha+	Variable Volume	100-1000	100-1000	100-1000	100-1000				
	Fixed Volume	250, 500, 1000	250, 500, 1000	250, 500, 1000	250, 500, 1000				
	Multi Channel			100-1000	100-1000				
Sartorius (Biohit)	Picus®/Picus®NxT Single Channel	50-1000		50-1000	50-1000				
	Picus®/Picus®NxT Multi Channel								
	eLINE®	50-1000		50-1000	50-1000				
	Tacta/mLINE®/Proline Plus®	100-1000	100-1000	100-1000	100-1000				
	Proline® ¹		100-1000						
Eppendorf®	Electronic								
	Reference	100-1000		100-1000	100-1000				
	Research Pro	50-1000		50-1000	50-1000				
	Research	100-1000		100-1000	100-1000				
	Research Plus	M/C 30-300	100-1000	100-1000	100-1000				
Gilson	Pipetman	P1000		P1000	P1000				
	Pipetman Ultra	U1000		U1000	U1000				
	Pipetman Classic,G,L	20-1000	200-1000	20-1000	20-1000				
Rainin®	EDP3	100-1000		100-1000	100-1000				
	EDP1	100-1000		100-1000	100-1000				
	Pipet Lite SL	100-1000	100-1000	100-1000	100-1000				
	Classic								
Thermo Electron Finnpipette™	Digital								
	Focus	100-1000		100-1000	100-1000				
	Biocontrol								
	Novus	100-1000		100-1000	100-1000				
	Finnpipette 4500		100-1000						
Tip Coding and Certification Key available - see page 33 		 <i>everyday</i>							
<i>All tips illustrated are actual size unless otherwise stated</i>						Filter Tips available			
Loose Non-Sterile		Cat. No.	ED1000	LP1000B	LW6471	LW6481			
		Pack Size	1000	1000	1000	1000			
Racked Non-Sterile		Cat. No.	/			LW6470			
		Pack Size	/			6 x 96			
Racked Sterile		Cat. No.	/			LW6475S			
		Pack Size	/			6 x 96			

1. Also labelled as Jencons Sealpette and as Genex.

1000-5000µl Finnpipette	1000-5000µl Gilson Reference	1000-5000µl Eppendorf Sartorius	1000-10,000µl Universal Reference	1000-10,000µl Gilson Reference	100-1250µl Low Retention	Tip Description and Volume Range µl	
M,R	D,E,G,R	D,E,G,R	D,E,G,R	Ds,E	E,G,N	Coding and Certification (see page 33)	
Pipette Volume Range µl						Model	Pipette Make
		500-5000		1000-10,000	100-1000	Variable Volume	alpha+
		2000, 5000		10,000	250, 500, 1000	Fixed Volume	
						Multi Channel	
		100-5000				Picus®/NxT Single Channel	Sartorius (Biohit)
						Picus®/NxT Multi Channel	
		100-5000				eLINE®	
		500-5000	1000-10,000		100-1000	Tacta/mLINE®/Proline+	
		1000-5000			100-1000	Proline® ¹	Eppendorf®
						Electronic Reference	
		100-5000				Research Pro	
		500-5000	1000-10,000			Research	
					100-1000	Research Plus	Gilson
	P5000		P10ml	P10ml		Pipetman	
	U5000					Pipetman Ultra	
					200-1000	Pipetman Classic, G,L	Rainin®
						EDP3	
						EDP1	
					100-1000	Pipet Lite SL	
						Classic	Thermo Electron Finnpipette™
						Digital	
						Focus	
						Biocontrol	
						Novus	Finnpipette™
					100-1000	Finnpipette 4500	
							
							
	Filter Tips available	Filter Tips available	Filter Tips available				
LW1062 250	LW1127 250	LW7829 250	LW7833 200	LP10000B 200	LP1250N 1000	Cat. No. Pack Size Price/Pack	 Loose Non-Sterile
	LW1129 / LW1122 2 x 50 / 10 x 50					Cat. No. Pack Size Price/Pack	 Racked Non-Sterile
	LW1128 2 x 50	LW7828 2 x 50	LW7835 2 x 25			Cat. No. Pack Size Price/Pack	 Racked Sterile

Tip Fit

We have indicated the tip compatibility with popular brands and models of pipette. Manufacturers can however change their pipette specifications without our knowledge, so it is always best to ask for samples and check tip fit with your particular pipettes. Likewise, if your pipette is not shown in the tip fit tables, please request samples or contact us for advice.

Please note that the tip's maximum volume must not be exceeded, regardless of the volume range of your pipette.

All tips illustrated are actual size unless otherwise stated

Tip Fit

Fastrak tips are compatible with a wide range of single and multi-channel pipettes including:

- alpha+
- Sartorius
- Gilson
- Eppendorf
- Thermo Finn pipette
- Thermo Matrix
- Rainin
- Brand

Naturally it is vital to have a good tip fit for your particular pipette. The ability of a tip to fit a pipette can vary even for the same brand and model due to:

- tip cone wear
- manufacturers' use of different tip cones in various geographic locations
- new designs and improvements

The compatibility of our tips with new and existing models is checked on a regular basis and an up-to-date tip fit guide is available on our website. To download your copy, visit www.alphalabs.co.uk/fastrak-tip-fit. We do however recommend that you still test out the fit of your chosen tip on your particular pipette.

Formats

- **Autoclavable** – **Fastrak** tips and racks can be autoclaved at 121C for 15 minutes (15 PSI)
- **Ultrafine** – Most of the **Fastrak** tips are 'Ultrafine' and feature a thin, flexible section at the end which is non-bevelled. This facilitates the dispensing of every drop of sample from the tip.
- **Racks** – It is quick and easy to refill your used Alpha tip racks or alternatively, we can supply you with free empty racks to get you started. There is a choice of square or round-holed racks for tips up to 250µl. Round-holes are particularly good for multichannel pipettes as they have an anti-wobble feature.

Empty Racks

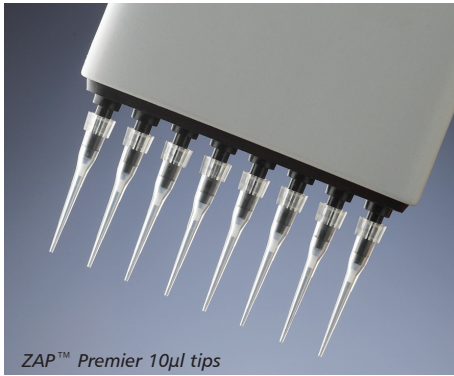
Catalogue Number	Description	Colour	Compatibility Code	Pack Size
FR9200	Square-holed Racks for 10,20,200 & 250µl Tips	Blue	C	10
FR9500	Round-holed Racks for 10,20,200 Tips	Blue	A	10
FR9000	Square-holed Racks for 300,1000 & 1250µl Tips	Blue	B	6

	0.1-10µl Ultrafine Micro	0.1-10µl Ultrafine Extended	1-200µl Universal Bevel	1-200µl Reference Bevel	1-200µl Reference Ultrafine	1-300µl Ultrafine	100-1250µl Ultrafine	0.1-20µl Ultrafine Rainin LTS *	0.5-250µl Ultrafine Rainin LTS *	100-1000µl Ultrafine Rainin LTS *	
Tip Cat No.	FR1015	FR1010	FR1200	FR2200	FR0250	FR1300	FR1250	FR3020	FR3250	FR3000	
Tip Fit alpha+ Variable Volume	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	100-1000				
Tip Fit alpha+ Fixed Volume	2.5, 5, 10	2.5, 5, 10	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	250, 500, 1000				
Tip Fit alpha+ Multi Channel	0.5-10	0.5-10	5-50, 10-100, 20-200	5-50, 10-100, 20-200	5-50, 10-100, 20-200	5-50, 10-100, 20-200, 30-300	100-1000				
Non-Sterile	Cat. No.	FR1015	FR1010	FR1200	FR2200	FR0250	FR1300	FR1250	FR3020	FR3250	FR3000
	Pack Size	13 x 96	14 x 96	10 x 96	10 x 96	10 x 96	6 x 96	5 x 96	11 x 96	10 x 96	5 x 96
Rack Compatibility		A / C	A / C	A / C	A / C	A / C	B	B	A / C	C	B

All tips illustrated are actual size unless otherwise stated *LTS (*Lite Touch System) is a trademark of Mettler Toledo



Pipette Tips



ZAP™ Premier 10µl tips

ZAP™ Premier Filter Tips

- The ultimate in pipette and sample protection
- Perfect for PCR and other demanding applications

ZAP™ Premier filter tips give you ultimate protection for both your pipette and sample without making a big hole in your budget. There is a wide range to fit most brands of pipette.

Protect your Pipette

ZAP™ Premier filter tips feature a unique 10µm pore size filter. These pores are 100% smaller than those in most other filter tips and effectively trap aerosols containing DNA, radionucleotides and other contaminants, preventing them from entering the barrel of the pipette and keeping it clean.



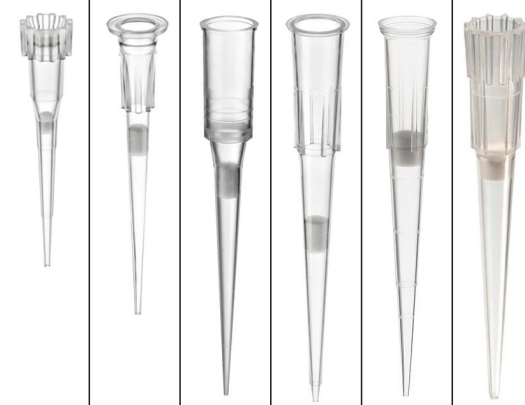
Protect your Sample

The filter also works to protect your sample. It blocks fluid passage so that in the event of over-pipetting, your sample will not be absorbed and can be completely dispensed without any loss. Contamination of the sample by the filter is avoided as it is made from high purity polyethylene and inserted robotically into the tip. Every batch of tips is tested and certified to be free of RNase, DNase, Human DNA. They are also certified as non-pyrogenic including the filter.

Protect your Budget

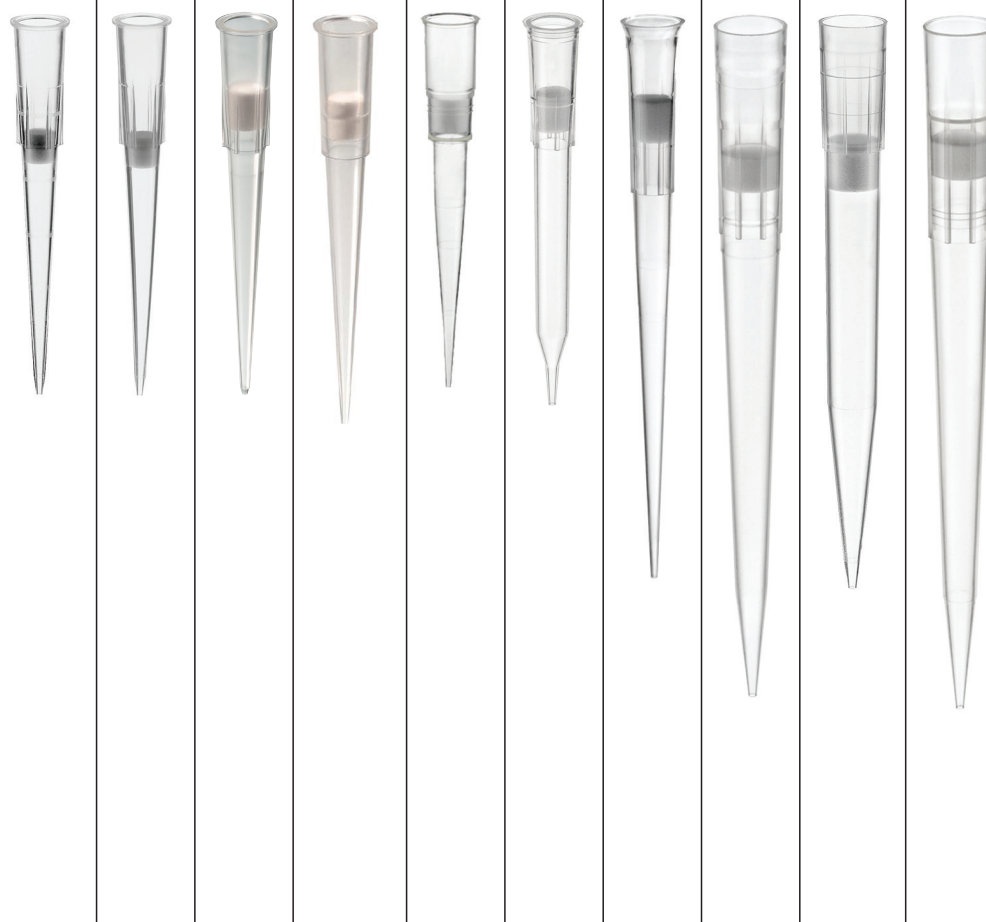
ZAP™ Premier filter tips are sensibly priced to take account of restricted budgets and what's more, due to the high density of the filter, ZAP™ Premier filter tips are autoclavable. That means, if you don't use the entire box of tips, they need not be wasted. You can sterilise them again and the filters will not warp.



Tip Description and Volume Range µl		1-10 µl ZAP Premier Micro	1-10 µl ZAP Premier Extended	1-20 µl ZAP Premier LTS*	1-40 µl ZAP Premier Bevel	1-50 µl ZAP Premier Reference	1-100µl ZAP Premier Bevel
Coding and Certification (see page 33)		D,E,G,M,R,U	D,E,M,R,U	D,E,M,R,T,U	D,E,M,R	D,E,G,M,R,U	D,E,M,R
Pipette Make	Model	Pipette Volume Range µl					
alpha+	Variable Volume	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10		5-50		10-100
	Fixed Volume	2.5, 5, 10	2.5, 5, 10		20, 40, 50		100
	Multi Channel	0.5-10	0.5-10		5-50	5-50	10-100
Sartorius (Biohit)	Picus®/NXT Single Channel	0.2-10	0.2-10		5-120	5-120, 10-300	5-120, 10-300
	Picus®/NXT Multi Channel	0.2-10	0.2-10		5-120	5-120, 10-300	5-120, 10-300
	eLINE®	0.2-10	0.2-10				
	Tacta	0.1-3, 0.5-10	0.1-3, 0.5-10		2-20	5-100, 10-100	10-100
	mLINE/Proline+	0.1-3, 0.5-10	0.1-3, 0.5-10		2-20	5-100, 10-100	10-100
	Proline® ¹	0.5-10	0.5-10			10-100	
Eppendorf®	Electronic	0.2-10	0.2-10		5-100	5-100	5-100
	Reference	0.1-2.5	0.1-2.5		2-20	10-100	10-100
	Research Pro	0.5-10	0.5-10			5-100	5-100
	Research	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10		2-20	10-100	10-100
	Research Plus	0.5-10	0.5-10		2-20	10-100	
Gilson	Pipetman	0.2-2, 1-10	0.2-2, 1-10		2-20	20-100	20-100
	Pipetman Ultra	0.2-2, 1-10	0.2-2, 1-10		2-20	20-100	
	Pipetman Classic,G,L	0.2-2, 1-10	0.2-2, 1-10		2-20	20-100	20-100
Rainin®	EDP3	0.5-10	0.5-10	2-20	2-20		10-100
	EDP1	0.5-10	0.5-10	2-20	2-20		10-100
	Pipet Lite SL	0.1-2, 0.5-10	0.1-2, 0.5-10	0.1-2, 0.5-10, 2-20	2-20	10-100	
	Classic						
Thermo Electron Finnpipette™	Digital	0.2-10, 0.5-10	0.2-10, 0.5-10		2-20		
	Focus	0.2-2, 0.5-5, 1-10	0.2-2, 0.5-5, 1-10		2-20	10-100	10-100
	Biocontrol	0.3-3, 0.5-5, 1-10	0.3-3, 0.5-5, 1-10			10-100	10-100 (SC)
	Novus	1-10	1-10				
	Finnpipette 4500						
Tip Coding and Certification Key available - see page 33		 					
All tips illustrated are actual size unless otherwise stated							
Racked Sterile	Cat. No.	ZP1015S	ZP1010S	ZP3020S	ZP1204S	ZP0250S	ZP2100S
	Pack Size	12 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96

*LTS = Lite Touch System, a trademark of Rainin/Mettler Toledo

1-100µl ZAP Premier Ref. Bevel	1-100µl ZAP Premier Bevel	1-160µl ZAP Premier Bevel	1-200µl ZAP Premier	1-200µl ZAP Premier LTS*	1-300µl ZAP Premier Bevel	1-300µl ZAP Premier Extended	100-1000µl ZAP Premier	100-1000µl ZAP Premier Flextop	100-1000µl ZAP Premier LTS*	Tip Description and Volume Range µl	
D,E,G,M,R,U	D,E,M,R	D,E,M,R	D,E,M,R,U	D,E,M,R,T,U	D,E,M,R	D,E,M,R,U	D,E,M,R,U	D,E,M,R,T,U	D,E,M,R,T,U	Coding and Certification (see page 33)	
Pipette Volume Range µl										Model	Pipette Make
10-100	10-100	10-100	10-100, 20-200		20-200	20-200	100-1000	100-1000		Variable Volume	alpha+
100	100	100	100, 200		200	200	250, 500, 1000	250, 500, 1000		Fixed Volume	
5-50, 10-100	5-50, 10-100	5-50, 10-100	5-50, 10-100, 20-200		20-200, 30-300	20-200, 30-300	100-1000	100-1000		Multi Channel	
5-120, 10-300	5-120, 10-300	10-300	10-300		10-300	10-300				Picus®/Nxt Single Channel	Sartorius (Biohit)
5-120, 10-300	5-120, 10-300	10-300	10-300		10-300	10-300				Picus®/Nxt Single Channel	
		5-120					50-1000	50-1000		eLINE®	
10-100	10-100, 20-200(SC)		20-200		20-200					Tacta	Eppendorf®
10-100	10-100, 20-200(SC)		20-200		20-200		100-1000	100-1000		mLINE®/Proline+	
10-100	10-100	5-50	50-200		10-250	50-200, 50-300	200-1000	200-1000		Proline® ¹	
5-100	5-100									Electronic	Gilson
10-100	10-100	50-200	5-100		50-200	50-200	100-1000	100-1000		Reference	
5-100	5-100	5-100	50-200			20-200(SC) 30-300(MC)	50-1000	50-1000		Research Pro	
10-100	10-100	20-200	20-200		20-200	20-200(SC) 30-300(MC)	100-1000	100-1000		Research Plus	
10-100	10-100		20-200 (Not M/C)		20-200	20-200	100-1000	100-1000		Research Plus	Rainin®
20-100	20-100	50-200	50-200		50-200	50-200	200-1000	200-1000		Pipetman	
20-100	20-100	20-200	20-200		20-200	20-200	200-1000	200-1000		Pipetman Ultra	
20-100	20-100		20-200		50-200	50-200	200-1000	200-1000		Pipetman Classic, G,L	Thermo Electron Finnpipette™
			20-200	5-50, 20-200	20-200	20-300	100-1000	100-1000	100-1000	EDP3	
			20-200	10-100, 20-200		20-300	100-1000	100-1000	100-1000	EDP1	
10-100	10-100		20-200	10-100, 20-200	20-200	20-300	100-1000	100-1000	100-1000	Pipet Lite SL	
										Classic	Finnpipette 4500
		20-200					100-1000	100-1000		Digital	
10-100	10-100					30-300(MC)	200-1000	200-1000		Focus	
10-100(SC)	10-100(SC)					30-300	100-1000	100-1000		Biocontrol	
							100-1000	100-1000		Novus	
										Finnpipette 4500	



Refill Your Empty Racks

ZAP™ Premier tip racks are compatible with the **Fastrak** tip refill system so you can re-use your filter racks once empty, for a greener solution. See page 38-39 for details.


Tip Fit

SC = Single Channel
M/C = Multichannel

We have indicated the tip compatibility with popular brands and models of pipette. Manufacturers can however change their pipette specifications without our knowledge, so it is always best to ask for samples and check tip fit with your particular pipettes. Likewise, if your pipette is not shown in the tip fit tables, please request samples or contact us for advice.



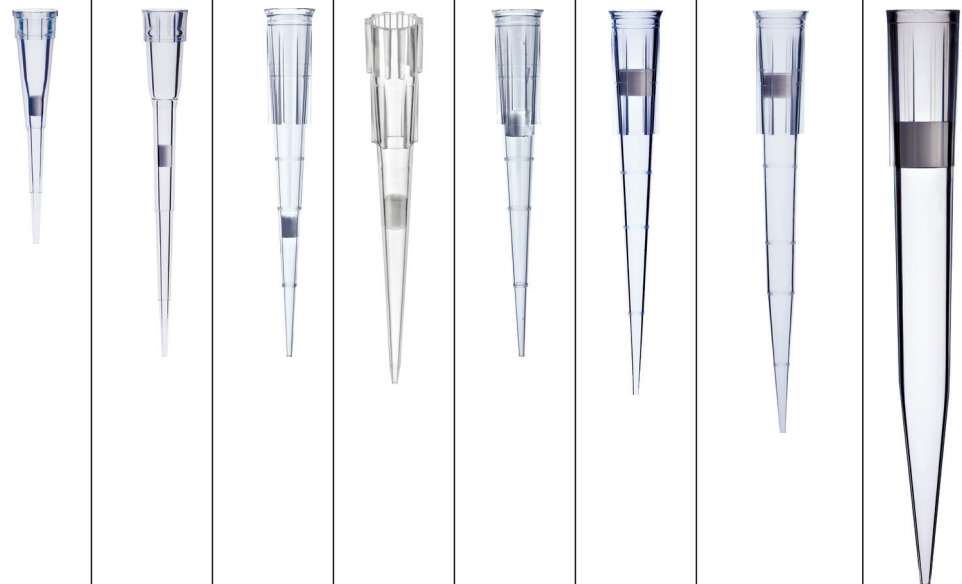








Please note that the tip's maximum volume must not be exceeded, regardless of the volume range of your pipette.

All tips illustrated are actual size unless otherwise stated

ZP2200S	ZP1200S	ZP1210S	ZP2250S	ZP3250S	ZP3300S	ZP1300S	ZP1250S	ZP1100S	ZP3000S	Cat. No.	 Racked Sterile
10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	6 x 96	6 x 96	6 x 96	6 x 96	Pack Size	



*LTS = Lite Touch System, a trademark of Rainin/Mettler Toledo

Pipette Tips

Tip Description and Volume Range μl		Low Retention			1 - 50 μl Aerogard [®]	Low Retention			
		0.1-10 μl Aerogard [®] Reference	0.1-10 μl Aerogard [®] Reference	2-20 μl Aerogard [®] Reference		10-100 μl Aerogard [®] Reference	20-200 μl Aerogard [®] Reference	1-300 μl Aerogard [®] Reference	100-1000 μl Aerogard [®] Reference
Coding and Certification (see page 33)		D,E,G,M,N,R	D,E,G,M,N,R	D,E,G,M,N,R	D,E,M,R	D,E,G,M,N,R	D,E,G,M,N,R	D,E,G,M,N,R	D,E,G,M,N,R
Pipette Make	Model	Pipette Volume Range μl							
alpha+	Variable Volume	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	2-20	1-50		5-50		10-100
	Fixed Volume	2.5, 5, 10	2.5, 5, 10	20	50		20, 40		100
	Multi Channel	0.5-10	0.5-10					5-50	10-100
Sartorius (Biohit)	Picus [®] /Picus [®] NxT Single Channel	0.2-10	0.2-10	5-120, 10-300		10-300			
	Picus [®] /Picus [®] NxT Multi Channel	0.2-10	0.2-10						
	eLINE [®]								
	Tacta/mLINE [®] /Proline Plus [®]		0.1-3, 0.5-10	2-20, 10-100		20-200	20-200	2-20, 10-100, 20-200 (M/C 5-100, 30-300)	100-1000
Eppendorf [®]	Electronic				5-100				
	Reference	0.5-10, 2-20	0.1-20	2-20, 10-100		1-100, 50-200		2-20, 10-100, 50-200	
	Research Pro				5-100				
	Research Plus	0.5-10	0.1-2.5, 0.5-10	2-200	2-20	1-100, 20-200		2-20, 10-100, 20-200 (M/C 10-100, 30-300)	100-1000
Gilson	Pipetman	P2, 10	P2, 10	P20, 100		P200	P200		
	Pipetman Ultra	U2, 10	U2, 10	U20, 100		U200	U200		
	Pipetman Classic, G, L							2-20, 20-100, 50-200	200-1000
Rainin [®]	EDP3								
	EDP1								
	Pipet Lite SL							2-20, 10-100, 20-200	100-1000
	Classic								
Thermo Electron Finnpipette [™]	Digital			5-40	5-50	5-200	40-200, 50-200		
	Focus	1-10 (micro)	1-10	1-10, 10-100	5-50	10-100, 30-300	10-100, 30-300		
	Biocontrol				5-50				
	Novus								
	Finnpipette 4500							0.5-5, 2-20, 5-50, 10-100, 20-200, (M/C 5-50, 50-300)	100-1000
Tip Coding and Certification Key available - see page 33  									
Aerogard [®] Filter Tips provide excellent protection for your sample and instruments from cross-contamination due to aerosols. They are great for PCR as well as handling radioisotopes, serological samples and viruses. Volumes range from 10 μl to 10ml ensuring a tip for any application. All tips illustrated are actual size unless otherwise stated									
Racked Sterile 	Cat. No.	LP010NFRS	LP010XLNFRS	LP020NFRS	LW1065	LP100NFRS	LP200NFRS	LP300NFRS	LP1000NFRS
	Pack Size	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96

1. Also labelled as Jencons Sealpette and as Genex.

1000-5000µl Aerogard® Gilson Reference	1000-5000µl Aerogard® Sartorius/ Eppendorf Ref.	1000-10,000µl Aerogard® Universal Reference	Tip Description and Volume Range µl	
D,E,G,R	D,E,G,R	D,E,G,R	Coding and Certification (see page 33)	
Pipette Volume Range µl			Model	Pipette Make
	500-5000		Variable Volume	alpha+
	2000, 5000		Fixed Volume	
			Multi Channel	
	100-5000	500-10,000	Picus®/Picus®Nxt Single Channel	Sartorius (Biohit)
			Picus®/Picus®Nxt Multi Channel	
	100-5000		eLINE®	
	500-5000	1000-10,000	Tacat/mLINE®/Proline Plus®	
	1000-5000		Proline® 1	
			Electronic Reference	Eppendorf®
	100-5000	1000-10,000	Research Pro	
	500-5000		Research	
			Research Plus	
P5000		P10ml	Pipetman	Gilson
U5000		U10ml	Pipetman Ultra	
			Pipetman Classic,G,L	
			EDP3	Rainin®
			EDP1	
			Pipet Lite SL	
			Classic	Thermo Electron Finnpipette™
			Digital	
			Focus	
			Biocontrol	
			Novus Finnpipette 4500	


Tip Fit
M/C = Multichannel

We have indicated the tip compatibility with popular brands and models of pipette. Manufacturers can however change their pipette specifications without our knowledge, so it is always best to ask for samples and check tip fit with your particular pipettes. Likewise, if your pipette is not shown in the tip fit tables, please request samples or contact us for advice.

Please note that the tip's maximum volume must not be exceeded, regardless of the volume range of your pipette.

All tips illustrated are actual size unless otherwise stated

LW1124	LW7832	LW7836
2 x 50	2 x 50	2 x 25

Cat. No.	
Pack Size	

Racked Sterile

alpha+ Pipettes

- Accuracy
- Performance
- Value



These lightweight, easy-to-use pipettes are robust and reliable even in the most challenging environments.

They provide unsurpassed accuracy at a very affordable price for true quality and economy.

See pages 14-15 for more details.

Pipette Tips

Tip Description and Volume Range μ l		Cellsaver Tips			Gel Loading Tips										
		100-1000 μ l Aerogard® Cell Saver	1-200 μ l Cell Saver	101-1000 μ l Cell Saver	0.1-10 μ l Gel Tip Round*	10 μ l Gel Tip Flat 0.17mm	10 μ l Gel Tip Flat 0.37mm	10 μ l Gel Tip Round 0.57mm							
Coding and Certification (see page 33)		D,E,M,R	E,G,R	E,G,R		D,E,G,R	D,E,G,R	D,E,G,R							
Pipette Make	Model	Pipette Volume Range μ l													
alpha+	Variable Volume	100-1000	2-20, 5-50, 10-100, 20-200	100-1000	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10							
	Fixed Volume	250, 500, 1000	20, 25, 40, 50, 100, 200	250, 500, 1000	2.5, 5, 10	2.5, 5, 10	2.5, 5, 10	2.5, 5, 10							
	Multi Channel	100-1000	5-50, 10-100, 20-200												
Sartorius (Biohit)	Picus®/Picus®N&T Single Channel														
	Picus®/Picus®N&T Multi Channel														
	eLINE®	50-1000													
	Tacta		2-20, 10-100, 20-200 (5-100 M/C)	100-1000	0.5-10										
	mLINE®/Proline Plus®	100-1000	2-20, 10-100, 20-200 (5-100 M/C)	100-1000	0.5-10										
	Proline® ¹	200-1000	2-20, 5-50, 10-100, 20-200 (5-50 M/C)	100-1000		0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10							
Eppendorf®	Electronic														
	Reference	100-1000	2-20,10-100, 50-200		0.1-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10							
	Research Pro	50-1000													
	Research	100-1000			0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10							
	Research Plus	100-1000	2-20, 10-100, 20-200 (M/C 10-100)	100-1000											
Gilson	Pipetman	200-1000			P2, 10	P2, 10	P2, 10	P2, 10							
	Pipetman Ultra	200-1000			U2, 10										
	Pipetman Classic,G,L	200-1000	2-20, 20-100, 50-200	200-1000											
Rainin®	EDP3	100-1000													
	EDP1	100-1000													
	Pipet Lite SL	100-1000	2-20,10-100, 20-200	100-1000		0.2-2, 0.5-10	0.2-2, 0.5-10	0.2-2, 0.5-10							
	Classic				1-10										
Thermo Electron Finnpipette™	Digital	100-1000													
	Focus	200-1000													
	Biocontrol	100-1000													
	Novus	100-1000													
	Finnpipette 4500		0.5-5, 2-20, 5-50, 10-100, 20-200, (M/C 5-50)	100-1000											
Tip Coding and Certification Key available - see page 33															
Loose Non-Sterile									Cat. No.	LP200W	LP1000W	LW1103			
	Pack Size									1000	1000	1000			
Racked Non-Sterile									Cat. No.				GL01017NTR	GL01037NTR	GL01057NTR
	Pack Size												2 x 96	2 x 96	2 x 96
Racked Sterile									Cat. No.	ZP1250CS			GL01017NTRS	GL01037NTRS	GL01057NTRS
	Pack Size									6 x 96			2 x 96	2 x 96	2 x 96

