



BioPointe  
Scientific®

The New Standard of Excellence

# Pipette Tips



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# Pipette Tips

BioPointe Tips in Regular and Low Retention resin, provide superior sample recovery while increasing accuracy and reproducibility for pipetting liquid in microvolumes. These universal-fitting pipette tips, with and without filter barriers are designed to fit practically all single and multichannel pipettes (see Compatibility Table on page 6-7).

## FEATURES THAT MAKE A DIFFERENCE

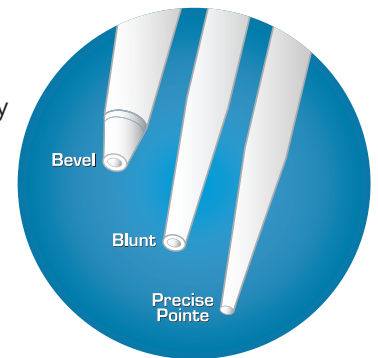
### SuperSeal



Using only the highest-grade virgin polypropylene and implementing a unique thin-wall design, SuperSeal provides a great fit and as a result, more accurate aliquots during pipetting. The soft, flexible material ensures extensive compatibility with popular pipettes and allows the easy loading and ejection of BioPointe tips, so reducing the risk of repetitive strain injury.

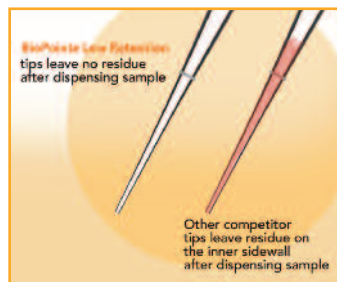
### PrecisePointe Technology

All PrecisePointe tips are efficiently molded to produce a thin walled tip with small orifice. Each tip has an extremely smooth exterior to prevent liquid hang up as often experienced with bevelled tips.



### E-Beam Sterilization

BioPointe pre-sterilized products are sterilized with an Electron Beam process. Unlike Gamma sterilization, E-Beam will not alter the color, or embrittle the plastic.



### Low Retention

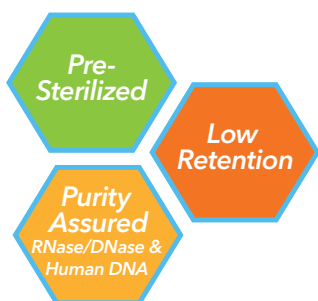
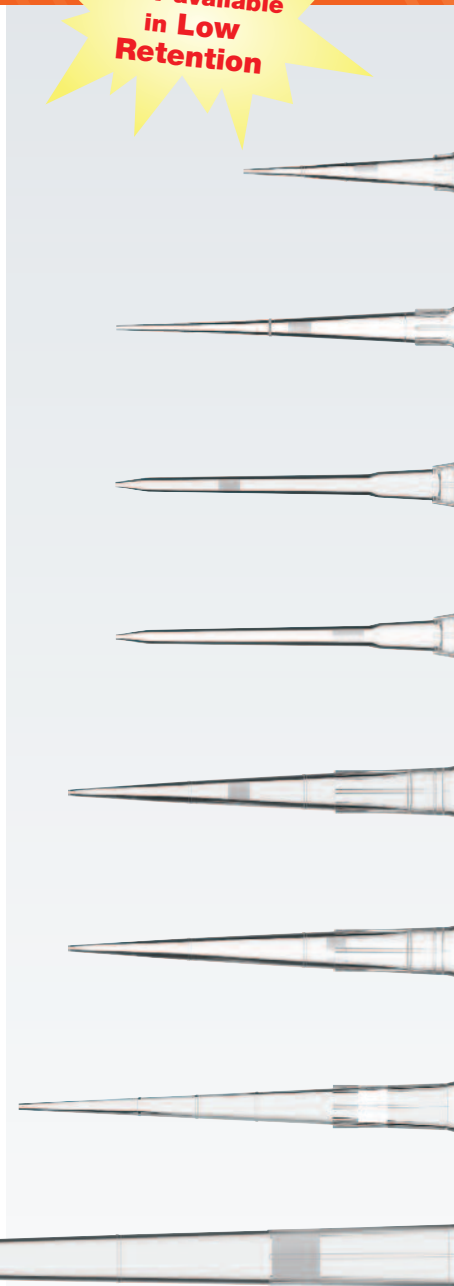
BioPointe low retention technology creates an ultra-hydrophobic surface, preventing liquid retention and ensuring maximum sample retrieval. Our low retention process is implemented pre-production and does not use coatings that could lead to sample contamination.

# FILTER BARRIER TIPS

block aerosols by coalescing radioactive, chemical, or biological contaminants before they can come in contact with pipettor shafts. This effectively eliminates unwanted signals induced by residual RNA/DNA transferred in trace amounts by aerosol cross-contamination. They also act as a safety barrier against accidental over-pipetting of fluids without risk of sample lock-up.

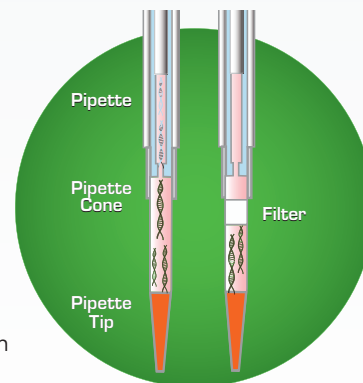
**All sizes  
NOW available  
in Low  
Retention**

Catalog #	Description	Packaging / Unit	Unit / Case
<b>10µl Short</b>			
311-4050	10µl, Filtered, Racked, Pre-Sterilized	10 x 96	5 Packs
311-4150	10µl, Filtered, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs
311-2000	10µl, Filtered, Bulk, Non-Sterile	1000	10 Bags
<b>10µl Extended</b>			
321-4050	10µl, Extended, Filtered, Racked, Pre-Sterilized	10 x 96	5 Packs
321-4150	10µl, Extended, Filtered, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs
321-2000	10µl, Extended, Filtered, Bulk, Non-Sterile	1000	10 Bags
<b>10µl Crystal (Eppendorf style)</b>			
332-4050	10µl, Epp, Filtered, Racked, Pre-Sterilized	10 x 96	5 Packs
332-4150	10µl, Epp, Filtered, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs
332-2000	10µl, Epp, Filtered, Bulk, Non-Sterile	1000	10 Bags
<b>20µl Crystal (Eppendorf style)</b>			
331-4050	20µl, Epp, Filtered, Racked, Pre-Sterilized	10 x 96	5 Packs
331-4150	20µl, Epp, Filtered, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs
331-2000	20µl, Epp, Filtered, Bulk, Non-Sterile	1000	10 Bags
<b>20µl</b>			
341-4050	20µl, Filtered, Racked, Pre-Sterilized	10 x 96	5 Packs
341-4150	20µl, Filtered, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs
341-2000	20µl, Filtered, Bulk, Non-Sterile	1000	10 Bags
<b>100µl</b>			
342-4050	100µl, Filtered, Racked, Pre-Sterilized	10 x 96	5 Packs
342-4150	100µl, Filtered, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs
342-2000	100µl, Filtered, Bulk, Non-Sterile	1000	10 Bags
<b>200µl</b>			
351-4050	200µl, Filtered, Racked, Pre-Sterilized	10 x 96	5 Packs
351-4150	200µl, Filtered, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs
351-2000	200µl, Filtered, Bulk, Non-Sterile	1000	10 Bags
<b>1000µl</b>			
361-4050	1000µl, Filtered, Racked, Pre-Sterilized	10 x 96	5 Packs
361-4150	1000µl, Filtered, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs
361-2000	1000µl, Filtered, Bulk, Non-Sterile	1000	10 Bags



## Filters

- Molded with Ultra High Molecular Weight Polyethylene (UHMWPE)
- Completely inert and consistent in porosity
- Will not impede airflow
- Will protect your samples and pipettor from harmful contamination



**LOW RETENTION:** creates an ultra-hydrophobic surface, preventing liquid adhesion and ensuring maximum sample retrieval. By reducing sample 'stick', savings can be made through more efficient pipetting of costly reagents.



Graduation marks at 2µl and 10µl

- Fits Gilson Pipetman P2/P10 and Eppendorf Ultra Micro style
- PrecisePointe, with its thin walls and small orifice, prevents liquid hang up, resulting in more precise pipetting
- Thin-wall design for a great fit and a perfect seal every time



Graduation marks at 2µl and 10µl

- Extended length allows easy reach to bottom of microtube - pipette shaft will not touch tube walls
- Minimizes risk of carry-over contamination
- PrecisePointe, with its thin walls and small orifice prevents liquid hang up, resulting in more precise pipetting
- Thin-wall design for a great fit and a perfect seal every time



- Designed specifically to fit Eppendorf style pipettes
- PrecisePointe, with its thin walls and small orifice, prevents liquid hang up, resulting in more precise pipetting

### 10µl Short

Catalog #	Description	Packaging / Unit	Unit / Case
310-2000	10µl, Bulk	1000	10 Bags
310-3000	10µl, Reload	10 x 96	10 Packs
310-4000	10µl, Racked	10 x 96	5 Packs
310-4050	10µl, Racked, Pre-Sterilized	10 x 96	5 Packs
310-4150	10µl, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs

### 10µl Extended

Catalog #	Description	Packaging / Unit	Unit / Case
320-2000	10µl Extended, Bulk	1000	10 Bags
320-3000	10µl Extended, Reload	10 x 96	10 Packs
320-4000	10µl Extended, Racked	10 x 96	5 Packs
320-4050	10µl Extended, Racked, Pre-Sterilized	10 x 96	5 Packs
320-4150	10µl Extended, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs



### 20µl Crystal

Catalog #	Description	Packaging / Unit	Unit / Case
330-2000	20µl, Bulk	1000	10 Bags
330-4000	20µl, Racked	10 x 96	5 Packs
330-4050	20µl, Racked, Pre-Sterilized	10 x 96	5 Packs
330-4150	20µl, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs

## Packaging options



### Bulk

- Bottom gusset allows for a free-standing and stable bag
- Constructed from double-thick plastic
- Slider Seal provides effortless opening/closing



**PRECISION:** BioPointe FILTERED and NON-FILTERED TIPS provide a complete solution for every pipetting need. PrecisePointe molds produce a thin walled tip with small orifice plus an extremely smooth exterior to prevent liquid hang up.



## 200µl

Catalog #	Description	Packaging / Unit	Unit / Case
340-2000	200µl, Bulk	1000	10 Bags
340-3000	200µl, Reload	10 x 96	10 Packs
340-4000	200µl, Racked	10 x 96	5 Packs
340-4050	200µl, Racked, Pre-Sterilized	10 x 96	5 Packs
340-4150	200µl, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs

## 300µl

Catalog #	Description	Packaging / Unit	Unit / Case
350-2000	300µl, Bulk	1000	10 Bags
350-3000	300µl, Reload	10 x 96	10 Packs
350-4000	300µl, Racked	10 x 96	5 Packs
350-4050	300µl, Racked, Pre-Sterilized	10 x 96	5 Packs
350-4150	300µl, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs



## 1250µl Extended

Catalog #	Description	Packaging / Unit	Unit / Case
360-2000	1250µl Extended, Bulk	1000	10 Bags
360-3000	1250µl Extended, Reload	10 x 96	10 Packs
360-4000	1250µl Extended, Racked	10 x 96	5 Packs
360-4050	1250µl Extended, Racked, Pre-Sterilized	10 x 96	5 Packs
360-4150	1250µl Extended, Low Retention, Racked, Pre-Sterilized	10 x 96	5 Packs

## Reload System

- Designed to minimize waste and reduce ecological footprint
- Stacked inserts and tips are "reloaded" into empty racks
- Tip insert is 'locked' into base for added security



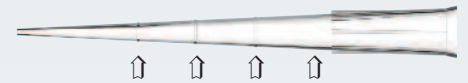
## Racks

- Rigid construction ensures maximum stability with multi-channel pipetting
- 96-well, fast-snap insert features exact-hole alignment
- Snap-lock clasp keeps lid secure
- Recyclable, autoclavable, and individually numbered for product traceability



Graduation marks at 20µl and 100µl

- Thin-wall design for a great fit and a perfect seal every time
- PrecisePointe, with its thin walls and small orifice prevents liquid hang up, resulting in more precise pipetting



Graduation marks at 20µl, 50µl, 100µl and 200µl

- Developed specifically for multi-channel use
- Multiple graduations make it easy to aliquot precisely and accurately
- PrecisePointe, with its thin walls and small orifice prevents liquid hang up, resulting in more precise pipetting



Graduation marks at 100µl, 500µl and 1000µl

- Slim profile and thin-wall design for a great fit and a perfect seal every time
- Multiple graduations make it easy to aliquot precisely and accurately

# BIOPINTE: PIPETTE TIP COMPATIBILITY

## Non Filtered

## Filtered

		10µl Short 310-	10µl Extended 320-	20µl Crystal 330-	200µl 340-	300µl 350-	1250µl 360-	10µl Short 311-	10µl Extended 321-	10µl Crystal 332-	20µl Crystal 331-	20µl 341-	100µl 342-	200µl 351-	1000µl 361-	
<b>Biohit</b>	Picus/e-Line Single, 8 and 12 channel	0.2-10µl	X	X				X	X							
		5-120µl				X	X					X	X			
		10-300µl				X	X							X		
		50-1000µl					X	X								X
	ProLine / ProLine Plus / m-Line Single channel	0.1-2.5µl (ProLine)	X	X					X	X						
		0.1-3µl (m/Plus)	X	X					X	X						
		0.5-10µl	X	X					X	X						
		2-20µl				X							X			
		5-50µl (ProLine)				X							X	X		
		10-100µl				X	X							X		
		20-200µl					X								X	
	ProLine/ProLine Plus/ m-Line 8 and 12 channel	0.5-10µl	X	X					X	X						
5-50µl (ProLine)					X	X						X	X			
5-100µl (m)					X	X							X			
10-100µl (Plus)					X	X							X			
30-300µl (m/Plus)					X	X								X		
50-300µl (ProLine)					X	X								X		
<b>BrandTech</b>	Transferpette Single channel	0.5-10µl	X	X				X	X							
		2-20µl				X						X				
		5-50µl				X						X				
		10-100µl				X	X						X			
		20-200µl				X	X							X		
	Transferpette 8 and 12 channel	0.5-10µl	X	X					X	X						
		5-50µl				X						X				
		10-100µl				X	X						X			
		20-200µl				X	X							X		
		30-300µl				X	X								X	
<b>Capp</b>	AERO Single, 8 and 12 channel	0.2-2µl	X	X				X	X							
		0.5-10µl	X	X				X	X							
		2-20µl				X						X				
		5-50µl				X						X	X			
		10-100µl				X	X						X			
		20-200µl				X	X							X		
		30-300µl (8/12ch)				X	X							X		
		100-1000µl						X								X
<b>Eppendorf</b>	Research Single, 8 and 12 channel	0.1-2.5µl (UltraMicro)	X	X	X			X	X	X	X					
		0.5-10µl (UltraMicro)	X	X	X			X	X	X	X					
		2-20µl				X						X				
		10-100µl				X	X						X			
		20-200µl				X	X							X		
		30-300µl (8/12ch)				X	X							X		
	Reference Single channel	100-1000µl						X								X
		0.1-2.5µl (UltraMicro)	X	X	X				X	X	X	X				
		0.5-10µl (UltraMicro)	X	X	X				X	X	X	X				
		2-20µl (UltraMicro)		X	X				X	X	X	X				
		2-20µl				X							X			
		10-100µl				X								X		
	Xplorer Single, 8 & 12 channel	20-200µl				X	X							X		
100-1000µl							X								X	
0.5-10µl (UltraMicro)		X	X	X				X	X	X	X					
5-100µl					X	X						X	X			
50-1000µl					X	X								X		

This table is intended to be a general guide only. Pipette manufacturers occasionally change nose cone/shaft design and so tip fit can not be guaranteed.



# Non Filtered

10µl Short 310-	10µl Extended 320-	20µl Crystal 330-	200µl 340-	300µl 350-	1250µl 360-
X	X				
X	X				
X	X				
			X		
			X	X	
			X	X	
					X
			X		
			X	X	
X	X				
X	X				
			X		
			X		
			X	X	
			X	X	
					X
X	X				
			X		
			X	X	
X	X				
X	X				
			X		
			X	X	
			X	X	
					X

# Filtered

10µl Short 311-	10µl Extended 321-	10µl Crystal 332-	20µl Crystal 331-	20µl 341-	100µl 342-	200µl 351-	1000µl 361-
X	X						
X	X						
X	X						
					X		
					X	X	
						X	
							X
				X	X		
				X	X		
X	X						
X	X						
					X		
				X	X		
						X	
							X
X	X						
X	X						
					X		
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X	X						
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						X	
							X
X	X						
X	X						
					X		
					X		
						X	
							X

## Finnpipette

0.2-2µl (Micro)	F2 Single channel
1-10µl (Micro)	
2-20µl (Micro)	
2-20µl	
10-100µl	
20-200µl	F2 8 and 12 channel
100-1000µl	
5-50µl	Focus Single channel
30-300µl	
0.5-5µl (Micro)	
1-10µl (Micro)	
3-30µl	
5-50µl	Focus 8 and 12 channel
10-100µl	
30-300µl	
100-1000µl	
1-10µl	
5-50µl	
30-300µl	

## Gilson

0.2-2µl	Pipetman Classic / Neo Single channel
1-10µl	
2-20µl	
20-100µl (Classic)	
50-200µl (Classic)	
200-1000µl (Classic)	

## HTL Labmate, Discovery \*

0.2-2µl	Discovery Comfort / Pro Labmate Single channel
0.5-10µl	
2-20µl	
10-100µl	
20-200µl	
100-1000µl	Discovery Comfort / Pro Labmate 8 and 12 channel
1-10µl	
5-50µl	
20-200µl	
50-300µl	

## Mettler Toledo

0.1-2µl	Rainin Classic / XLS (standard shaft) Single, 8 & 12 channel
0.5-10µl	
2-20µl	
10-100µl	
20-200µl	
100-1000µl	

## Nichiryo

0.1-2µl	Nichipet EX / Benchmark Single, 8 & 12 channel
0.5-10µl	
2-20µl	
10-100µl	
20-200µl	
100-1000µl	

## Socorex

0.1-2µl	Accura Single channel
1-10µl	
2-20µl	
5-50µl	
10-100µl	
20-200µl	
100-1000µl	

\* includes brands: Axygen AxyPet, Labnet Biopette, Genemate, Cleaver Scientific Omnipette, VWR Signature



## The New Standard of Excellence

At BioPointe Scientific, we are committed to supplying our customers with products that meet the highest quality standards. We do this by constantly monitoring and improving our manufacturing process from start to finish. Our stringent quality control procedures are second to none. Our processes ensure our customers will receive a product that will be consistent in reliability and quality. We stand behind our products, and will continuously look at ways to improve our business, to provide you, our customer, with the finest laboratory products in the industry.



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