

## Pipetting

# Finntip Pipette Tips—delivering precision and accuracy

Thermo Scientific™ Finntip™ and Finntip™ Flex Pipette Tips are designed and manufactured exclusively for Thermo Scientific™ Finnpipette™ models to deliver optimal performance, precision, and accuracy. Finntip and Finntip Flex Pipette Tips are engineered to help make life in your lab safer, easier, and more successful. Optimized to fit to both manual and electronic Finnpipette models, Finntip Pipette Tips are part of the Finnpipette system that has become a trusted standard of excellence for comfort, ease of use, and reliability.

### Finntip Pipette Tips available in a wide range of volumes and styles

Volume ranges from 0.2  $\mu$ L to 10 mL in standard, extended length, and wide orifice tips.



### Easy identification

The color-coding of each Finnpipette tip and all Finntip racks maximizes efficiency by easy identification of compatible tips.

### Elevated Finntip rack design

New transparent design and lock mechanism that can be easily opened with one hand.



### Environmentally friendly

Space-saving refill capability with reload packaging option minimizes materials and waste.

### Proven quality

Sterile Finntip tips are certified free of human DNA, DNase, RNase, and endotoxin (excluding Finntip macro tips: Finntip 1000 Ext, Finntip 5 mL, and Finntip 10 mL tips).

### Enhanced user comfort with Finntip Flex tips

Finntip Flex Pipette Tips feature a soft collar and stable rack base that support reduced attachment and ejection forces to reduce hand strain. Finntip Flex tips are recommended especially for multichannel and electronic pipetting to maximize performance and ergonomics while obtaining higher throughput.









Finntip Flex pipette tip




Finntip Flex Pipette Tips

## Finntip Pipette Tips—types and benefits

Tip type	Benefits	Recommended for
<b>Filter tip</b> (available in all volumes) 	<ul style="list-style-type: none"> <li>Blocks aerosols to prevent cross-contamination</li> </ul>	<ul style="list-style-type: none"> <li>Sensitive assays (PCR)</li> <li>Critical samples</li> </ul>
<b>Non-filter tip</b> (available in all volumes) 	<ul style="list-style-type: none"> <li>Economical, quality tip</li> </ul>	<ul style="list-style-type: none"> <li>Noncritical samples and applications</li> </ul>
<b>Extended-length tip</b> (available in volumes of 200 and 1,000 $\mu$ L for non-filtered; 100, 200, and 1,000 $\mu$ L for filtered) 	<ul style="list-style-type: none"> <li>Can access the bottom of tubes, reagent bottles, flasks, and other vessels without risk of contamination</li> </ul>	<ul style="list-style-type: none"> <li>Tissue culture</li> <li>Media preparation</li> <li>Accessing liquids in tall vessels</li> </ul>
<b>Micro tip</b> (available in volumes of 10, 20, and 50 $\mu$ L) 	<ul style="list-style-type: none"> <li>Increased accuracy with small sample volumes</li> <li>Aids in maximum sample delivery</li> </ul>	<ul style="list-style-type: none"> <li>Critical and expensive samples</li> <li>Small-volume pipetting</li> </ul>
<b>Macro tip</b> (available in volumes of 5 and 10 mL) 	<ul style="list-style-type: none"> <li>Increased accuracy with large sample volumes</li> </ul>	<ul style="list-style-type: none"> <li>Substituting for serological pipettes to improve accuracy</li> </ul>
<b>Wide-bore tip</b> (available in volumes of 250 and 1,000 $\mu$ L) 	<ul style="list-style-type: none"> <li>Wide orifice prevents cell shearing</li> <li>Increased accuracy with viscous solution</li> </ul>	<ul style="list-style-type: none"> <li>Pipetting fragile cell lines</li> <li>Difficult-to-pipette samples (suspensions and viscous solutions)</li> <li>Macromolecules (genomic DNA)</li> </ul>

## Finntip Flex Pipette Tips—ergonomic option

Tip type	Benefits	Recommended for
<b>Non-filter and filter tips</b> (Non-filter tip available in volumes of 10, 200, 300, 1,000, 1,200 $\mu$ L, and 10 mL Ext.; filter tip available in volumes of 10, 30, 100, 200, 300, 1,000, 1,200 $\mu$ L, and 10 mL Ext.) 	Soft collar and stable rack for improved ergonomics and user comfort	<ul style="list-style-type: none"> <li>Multichannel and electronic pipette users</li> </ul>

## Finntip and Finntip Flex Pipette Tips—product details

Cat. No.	Description	Color key	Volume range	Packaging
<b>Finntip tips</b>				
<b>96-format</b>				
9400300	Finntip 10 Micro	●	0.2–10 µL	10 x 96/rack
9400303	Finntip 10 Micro, Sterile	●	0.2–10 µL	10 x 96/rack
9400327	Finntip 10 Micro, Reload Tower	●	0.2–10 µL	20 x 192/insert
9400310	Finntip 10 Micro, Bulk	●	0.2–10 µL	1,000/bag
94052000	Finntip 10 Micro, Filter, Sterile	●	0.2–10 µL	10 x 96/rack
9400260	Finntip 250	●	0.5–250 µL	10 x 96/rack
9400263	Finntip 250, Sterile	●	0.5–250 µL	10 x 96/rack
9400267	Finntip 250, Reload Tower	●	0.5–250 µL	20 x 96/insert
9400230	Finntip 250, Bulk	●	0.5–250 µL	1,000/bag
9400130	Finntip 200 Ext	●	5–200 µL	10 x 96/rack
9400133	Finntip 200 Ext, Sterile	●	5–200 µL	10 x 96/rack
9400100	Finntip 200 Ext, Bulk	●	5–200 µL	400/box
9405120	Finntip 250 Wide	○	10–250 µL	10 x 96/rack
9405123	Finntip 250 Wide, Sterile	○	10–250 µL	10 x 96/rack
9405020	Finntip 250 Wide, Bulk	○	10–250 µL	1,000/bag
94052100	Finntip 10, Filter, Sterile	●	0.5–10 µL	10 x 96/rack
94052150	Finntip 20, Filter, Sterile	●	0.5–20 µL	10 x 96/rack
94052160	Finntip 30, Filter, Sterile	●	0.5–30 µL	10 x 96/rack
94052200	Finntip 100, Filter, Sterile	●	0.5–100 µL	10 x 96/rack
94052310	Finntip 100 Ext, Filter, Sterile	●	5–100 µL	10 x 96/rack
94052300	Finntip 200, Filter, Sterile	●	0.5–200 µL	10 x 96/rack
94052320	Finntip 200 Ext, Filter, Sterile	●	5–200 µL	10 x 96/rack
9401250	Finntip 300	●	5–300 µL	10 x 96/rack
9401253	Finntip 300, Sterile	●	5–300 µL	10 x 96/rack
9401255	Finntip 300, Reload Tower	●	5–300 µL	20 x 96/insert
9401260	Finntip 300, Bulk	●	5–300 µL	1,000/bag
94052350	Finntip 300, Filter, Sterile	●	5–300 µL	10 x 96/rack
9401110	Finntip 1000	●	100–1,000 µL	10 x 96/rack
9401113	Finntip 1000, Sterile	●	100–1,000 µL	10 x 96/rack
9401115	Finntip 1000, Reload Tower	●	100–1,000 µL	10 x 96/insert
9401030	Finntip 1000, Bulk	●	100–1,000 µL	1,000/bag
94052410	Finntip 1000, Filter, Sterile	●	100–1,000 µL	10 x 96/rack
9401420	Finntip 1000 Ext	●	100–1,000 µL	10 x 96/rack
9401423	Finntip 1000 Ext, Sterile	●	100–1,000 µL	10 x 96/rack
9401410	Finntip 1000 Ext, Bulk	●	100–1,000 µL	1,000/bag
94052430	Finntip 1000 Ext, Filter, Sterile	●	100–1,000 µL	10 x 96/rack
9405160	Finntip 1000 Wide	○	100–1,000 µL	10 x 96/rack
9405163	Finntip 1000 Wide, Sterile	○	100–1,000 µL	10 x 96/rack
9405050	Finntip 1000 Wide, Bulk	○	100–1,000 µL	400/bag
9402070	Finntip 5 mL	●	0.5–5 mL	5 x 24/rack
9402073	Finntip 5 mL, Sterile	●	0.5–5 mL	5 x 24/rack
9402030	Finntip 5 mL, Bulk	●	0.5–5 mL	5 x 100/bag
94052550	Finntip 5 mL, Filter, Sterile	●	0.5–5 mL	5 x 24/rack
9402160	Finntip 10 mL	●	1–10 mL	5 x 24/rack
9402163	Finntip 10 mL, Sterile	●	1–10 mL	5 x 24/rack
9402151	Finntip 10 mL, Bulk	●	1–10 mL	100/bag
94052600	Finntip 10 mL, Filter, Sterile	●	1–10 mL	5 x 24/rack

### Maximum volume color key

- 10 µL
- 20 µL
- 50 µL
- 200 µL/250 µL\*
- 300 µL
- 250/1,000 µL wide
- 1,000 µL
- 1,200 µL
- 5 mL
- 10 mL

\* The yellow color-coded filtered tips have different maximum volumes due to filter location. The filter is at different location based on tip size. Match filtered tip size with the pipette volume range in addition to color code.

## Finntip and Finntip Flex Pipette Tips—product details

Cat. No.	Description	Color key	Volume range	Packaging
<b>Finntip tips (continued)</b>				
<b>384-format</b>				
9400610	Finntip 20 Micro	●	0.2–20 µL	10 x 384/rack
9400613	Finntip 20 Micro, Sterile	●	0.2–20 µL	10 x 384/rack
9400620	Finntip 20 Micro, Bulk	●	0.2–20 µL	1,000/bag
94052020	Finntip 20 Micro, Filter, Sterile	●	0.2–20 µL	10 x 384/rack
9400370	Finntip 50 Micro	●	0.2–50 µL	10 x 384/rack
9400373	Finntip 50 Micro, Sterile	●	0.2–50 µL	10 x 384/rack
9400360	Finntip 50 Micro, Bulk	●	0.2–50 µL	1,000/bag
94052060	Finntip 50 Micro, Filter, Sterile	●	0.2–50 µL	10 x 384/rack
<b>Finntip Flex tips</b>				
94060100	Finntip Flex 10	●	0.2–10 µL	10 x 96/rack
94060103	Finntip Flex 10, Sterile	●	0.2–10 µL	10 x 96/rack
94060117	Finntip Flex 10, Reload Tower	●	0.2–10 µL	20 x 96/insert
94060120	Finntip Flex 10, Bulk	●	0.2–10 µL	1,000/bag
94056980	Finntip Flex 10, Filter, Sterile	●	0.2–10 µL	10 x 96/rack
94060310	Finntip Flex 200	●	1–200 µL	10 x 96/rack
94060313	Finntip Flex 200, Sterile	●	1–200 µL	10 x 96/rack
94060317	Finntip Flex 200, Reload Tower	●	1–200 µL	20 x 96/insert
94060320	Finntip Flex 200, Bulk	●	1–200 µL	1,000/bag
94056510	Finntip Flex 30, Filter, Sterile	●	1–30 µL	10 x 96/rack
94056520	Finntip Flex 100, Filter, Sterile	●	1–100 µL	10 x 96/rack
94056380	Finntip Flex 200, Filter, Sterile	●	1–200 µL	10 x 96/rack
94060510	Finntip Flex 300	●	5–300 µL	10 x 96/rack
94060513	Finntip Flex 300, Sterile	●	5–300 µL	10 x 96/rack
94060517	Finntip Flex 300, Reload Tower	●	5–300 µL	20 x 96/insert
94060520	Finntip Flex 300, Bulk	●	5–300 µL	1,000/bag
94056580	Finntip Flex 300, Filter, Sterile	●	5–300 µL	10 x 96/rack
94060710	Finntip Flex 1000	●	100–1,000 µL	10 x 96/rack
94060713	Finntip Flex 1000, Sterile	●	100–1,000 µL	10 x 96/rack
94060717	Finntip Flex 1000, Reload Tower	●	100–1,000 µL	16 x 96/insert
94060720	Finntip Flex 1000, Bulk	●	100–1,000 µL	1,000/bag
94056710	Finntip Flex 1000, Filter, Sterile	●	100–1,000 µL	10 x 96/rack
94060810	Finntip Flex 1200	●	50–1,200 µL	10 x 96/rack
94060813	Finntip Flex 1200, Sterile	●	50–1,200 µL	10 x 96/rack
94060817	Finntip Flex 1200, Reload Tower	●	50–1,200 µL	16 x 96/insert
94060820	Finntip Flex 1200, Bulk	●	50–1,200 µL	1,000/bag
94056810	Finntip Flex 1200, Filter, Sterile	●	50–1,200 µL	10 x 96/rack
94060970	Finntip Flex 10 mL Ext, Bulk	●	1–10 mL	100/bag
94060973	Finntip Flex 10 mL Ext, Bulk, Sterile	●	1–10 mL	50/bag
94056970	Finntip Flex 10 mL Ext, Filter, Sterile	●	1–10 mL	50/bag

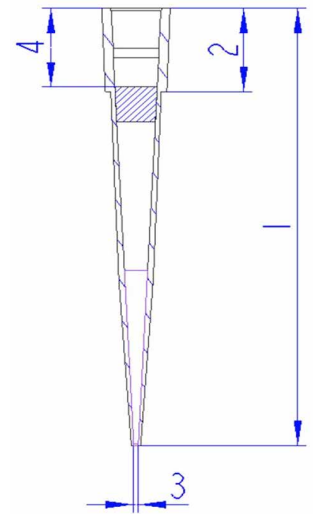
### Maximum volume color key

- 10 µL
- 20 µL
- 50 µL
- 200 µL/250 µL\*
- 300 µL
- 250/1,000 µL wide
- 1,000 µL
- 1,200 µL
- 5 mL
- 10 mL

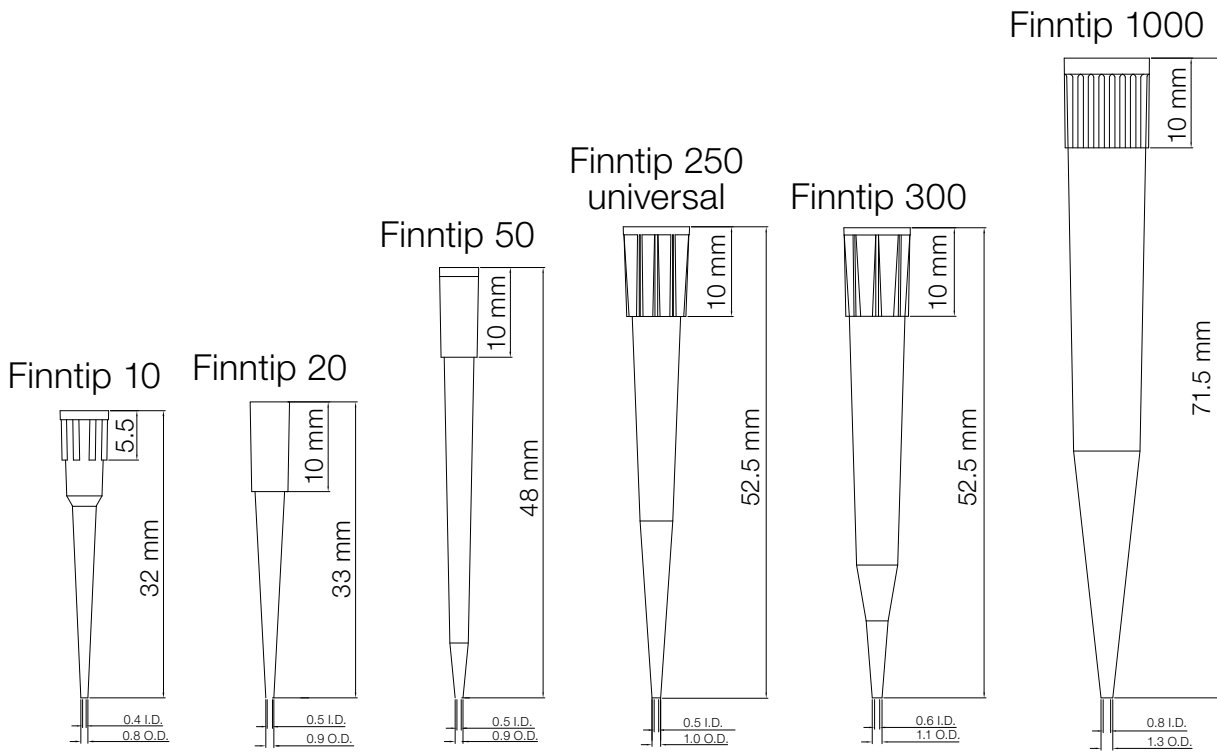
\* The yellow color-coded filtered tips have different maximum volumes due to filter location. The filter is at different location based on tip size. Match filtered tip size with the pipette volume range in addition to color code.

## Finntip and Finntip Flex Pipette Tips—dimensions

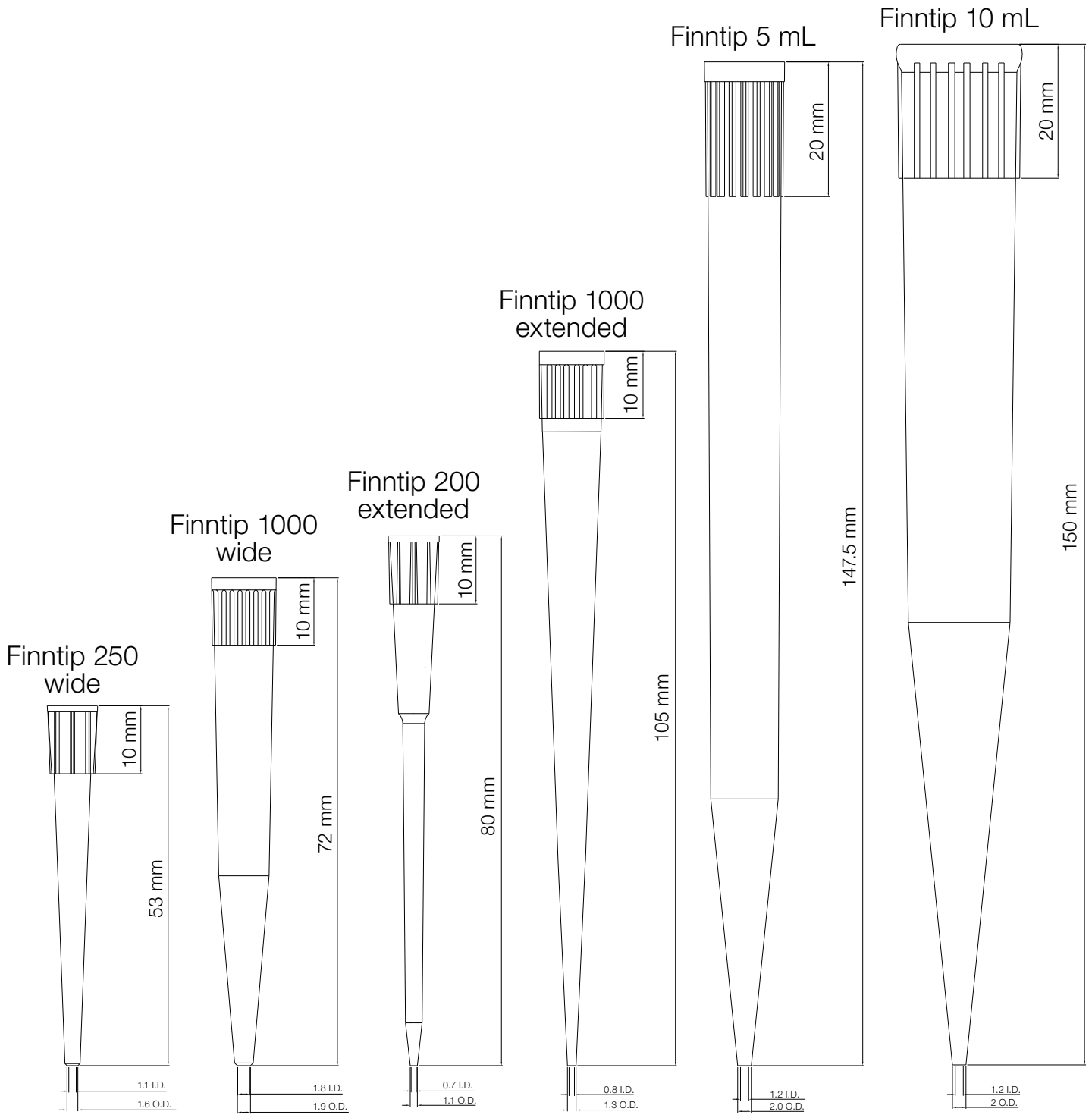
Description	Overall tip length (1) (mm)	Tip shoulder (2) (proximal) (mm)	Inner orifice diameter (3) (distal) (mm)	Filter height (4) (mm)
<b>Finntip tips</b>				
Finntip 10 Micro	32	5.5	0.4	
Finntip Filter 10 Micro	32	5.5	0.4	10
Finntip 20 Micro	33	10	0.5	
Finntip Filter 20 Micro	33	10	0.5	10
Finntip 50 Micro	48	10	0.5	
Finntip Filter 50 Micro	48	10	0.5	10
Finntip 250	52.5	10	0.5	
Finntip 200 Ext	80	10	0.7	
Finntip 250 Wide	53	10	1.1	
Finntip Filter 10	52.5	10	0.5	35.5
Finntip Filter 20	52.5	10	0.5	31.4
Finntip Filter 30	52.5	10	0.5	27
Finntip Filter 100	52.5	10	0.5	17.5
Finntip Filter 200	52.5	10	0.5	7
Finntip Filter 100 Ext	80	10	0.7	17.5
Finntip Filter 200 Ext	80	10	0.7	8.1
Finntip 300	52.5	10	0.6	
Finntip Filter 300	52.5	10	0.6	10
Finntip 1000	71.5	10	0.8	
Finntip Filter 1000	71.5	10	0.8	14.5
Finntip 1000 Ext	105	10	0.8	
Finntip Filter 1000 Ext	105	10	0.8	14.7
Finntip 1000 Wide	72	10	1.8	
Finntip 5 mL	147.5	20	1.2	
Finntip Filter 5 mL	147.5	20	1.2	20
Finntip 10 mL	150	20	1.2	
Finntip Filter 10 mL	150	20	1.2	16.5
<b>Finntip Flex tips</b>				
Finntip Flex 10	33	10	0.5	
Finntip Flex Filter 10	33	10	0.5	10
Finntip Flex 200	60	18	0.6	
Finntip Flex Filter 30	60	18	0.6	31.5
Finntip Flex Filter 100	60	18	0.6	22
Finntip Flex Filter 200	60	18	0.6	11.4
Finntip Flex 300	62	18	0.6	
Finntip Flex Filter 300	62	18	0.6	6.9
Finntip Flex 1000	87	18	0.8	
Finntip Flex Filter 1000	87	18	0.8	10.5
Finntip Flex 1200	87	18	1.1	
Finntip Flex Filter 1200	87	18	1.1	10.5
Finntip Flex 10 mL Ext	267	42	2.0	
Finntip Flex Filter 10 mL Ext	267	42	2.0	13



# Finntip Pipette Tips

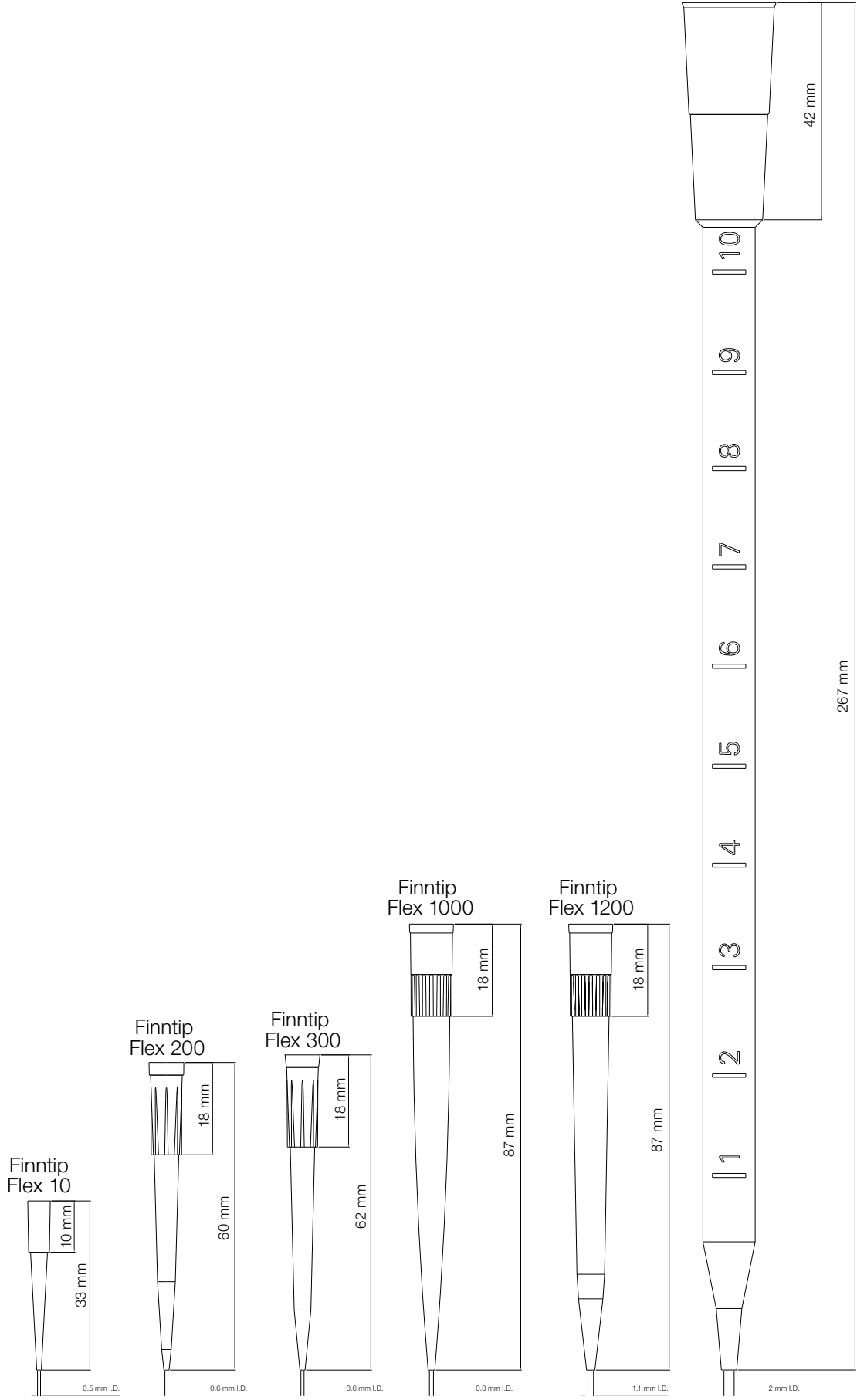


Finntip Pipette Tips



Finntip Flex Pipette Tips

Finntip Flex 10 mL extended









Compatible tip, sealing to the pipette and ejecting with tip ejector; pipette needs to be adjusted separately for this tip  
 Calibration tip

	Finntip tips																	Finntip Flex tips																																
	Non-sterile and sterile							Filtered										Non-sterile and sterile				Filtered**																												
	Finntip 10 Micro	Finntip 20 Micro 384	Finntip 50 Micro 384	Finntip 250	Finntip 200 Ext*	Finntip 250 Wide	Finntip 300	Finntip 1000	Finntip 1000 Ext*	Finntip 1000 Wide	Finntip 5 mL	Finntip 10 mL	Finntip 10 Micro	Finntip 20 Micro 384	Finntip 50 Micro 384	Finntip 10	Finntip 20	Finntip 30	Finntip 100	Finntip 200	Finntip 100 Ext*	Finntip 200 Ext*	Finntip 300	Finntip 1000	Finntip 1000 Ext*	Finntip 5 mL	Finntip 10 mL	Finntip Flex 10	Finntip Flex 200	Finntip Flex 300	Finntip Flex 1000	Finntip Flex 1200	Finntip 10 mL Ext	Finntip Flex 10	Finntip Flex 30	Finntip Flex 100	Finntip Flex 200	Finntip Flex 300	Finntip Flex 1000	Finntip Flex 1200	Finntip 10 mL Ext									
<b>Finnpipette Novus pipettes</b>																																																		
<b>Single channel</b>																																																		
46200000	Finnpipette Novus 1–10 µL Micro																																																	
46200200	Finnpipette Novus 5–50 µL Micro																																																	
46200100	Finnpipette Novus 1–10 µL																																																	
46200300	Finnpipette Novus 5–50 µL																																																	
46200400	Finnpipette Novus 10–100 µL																																																	
46200500	Finnpipette Novus 30–300 µL																																																	
46200600	Finnpipette Novus 100–1,000 µL																																																	
46200700	Finnpipette Novus 0.5–5 mL																																																	
46200800	Finnpipette Novus 1–10 mL																																																	
<b>Multichannel</b>																																																		
46300000	Finnpipette Novus 8-ch 1–10 µL Micro																																																	
46300100	Finnpipette Novus 12-ch 1–10 µL Micro																																																	
46300700	Finnpipette Novus 16-ch 5–50 µL Micro																																																	
46300200	Finnpipette Novus 8-ch 5–50 µL																																																	
46300300	Finnpipette Novus 12-ch 5–50 µL																																																	
46300400	Finnpipette Novus 8-ch 30–300 µL																																																	
46300500	Finnpipette Novus 12-ch 30–300 µL																																																	
46300800	Finnpipette Novus 8-ch 100–1,200 µL																																																	

\* Performance specifications with extended-length tips differ from the specifications of the standard tips. Extended-length tips fulfill ISO 8655 specifications with compatible pipettes (excluding Finntip Flex tip 10 mL Ext).

\*\* For filtered Finntip Flex tips, it is guaranteed that with reverse pipetting, the full amount of liquid can be pipetted without wetting the filter when using the compatible pipetting systems mentioned here.

Learn more at [thermofisher.com/finntips](https://thermofisher.com/finntips)

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