Thermo Scientific ClipTip Pipette Tips

Thermo Scientific™ ClipTip™ pipette tips provide a unique locking tip interface that allows stable, straight attachment on Thermo Scientific F1-ClipTip manual pipettes or E1-ClipTip electronic pipettes. ClipTip pipette tips feature “clips” that lock tips in place with a light touch for a secure seal on every channel. ClipTip pipette tips will only release when ejected using minimal force.

Absolute tip attachment

The ClipTip pipette tips lock into place to create a complete seal until released. Users have full tip control throughout pipetting, as pipette tips will only release when ejected, regardless of application pressure.

‘Snap and Seal’ tip attachment technology

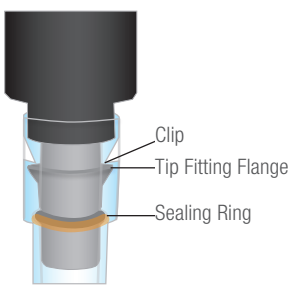
The 96-format ClipTip 12.5 and all ClipTip 384 tips feature a ‘Snap and Seal’ tip attachment mechanism. The tip has incorporated small protrusions that snap on the tip fitting flange, ensuring light-force and secure tip attachment.

Superior ergonomics

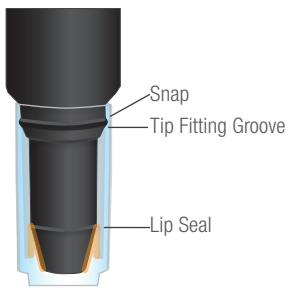
You only need a light touch to attach ClipTip tips on the F1-ClipTip or E1-ClipTip pipettes to lock them in place.

Immediate traceability

Each tip insert has ink-jetted lot and volume information. The convenient color key makes it easy to match the color of the F1-ClipTip pipette plunger cap or buttons on the E1-ClipTip pipette with the corresponding ClipTip pipette tip rack insert.



ClipTip interlocking technology that locks tips into place for a complete seal every time.



The 96-format ClipTip 12.5 and all ClipTip 384 tips feature a ‘Snap and Seal’ mechanism for tip attachment.



F1-ClipTip 8-ch 30-300 µl pipette with CT300 tips

Superior Contamination Control

The interlocking tip design prevents sample contamination caused from loose, leaking tips that can fall off. Filter tips prevent carry over contamination protecting both the pipette and the sample.

Low Retention

Innovative technology creates a hydrophobic inner pipette tip surface to minimize liquid retention, and enable maximum sample recovery. Available in ClipTip 20-1250 96-format tips.

Proven Quality

Certified free of RNase, DNase, DNA, ATP and Endotoxin.

Environmental responsibility

The ClipTip pipette tip reload system incorporates re-usable hinged racks with plastic reload sleeves that reduces waste by an average of 35%.

Versatile Tip Range

- Choose from seven sizes in 96-format: 12.5, 20, 50, 200, 300, 1000 and 1250 µL
- Choose from three sizes in 384-format: 12.5, 30 and 125 µL
- Extended length tips available in sizes 12.5 and 300 µL

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Thermo Scientific ClipTip Pipette Tips

Item No.	Description	Color Key	Volume Range	Packaging
96-format ClipTip Tips				
94410040	ClipTip 12.5*		0.5-12.5 µL	10 x 96/rack
94410043	ClipTip 12.5, Sterile*		0.5-12.5 µL	10 x 96/rack
94420043	ClipTip 12.5, Filter, Sterile*		0.5-12.5 µL	10 x 96/rack
94410060	ClipTip 12.5 Ext*		0.5-12.5 µL	10 x 96/rack
94410063	ClipTip 12.5 Ext, Sterile*		0.5-12.5 µL	10 x 96/rack
94420063	ClipTip 12.5 Ext, Filter, Sterile*		0.5-12.5 µL	10 x 96/rack
94410210	ClipTip 20		1-20 µL	10 x 96/rack
94410213	ClipTip 20, Sterile		1-20 µL	10 x 96/rack
94410217	ClipTip 20, Reload Tower		1-20 µL	10 x 96/insert
94410218	ClipTip 20, Reload Tower, Sterile		1-20 µ	10 x 96/insert
94420213	ClipTip 20, Filter, Sterile		1-20 µL	10 x 96/rack
94420218	ClipTip 20, Filter Reload Insert, Sterile		1-20 µL	10 x 96/insert
94410250	ClipTip 50		5-50 µL	10 x 96/rack
94410253	ClipTip 50, Sterile		5-50 µL	10 x 96/rack
94410257	ClipTip 50, Reload Tower		5-50 µL	10 x 96/insert
94410258	ClipTip 50, Reload Tower, Sterile		5-50 µL	10 x 96/insert
94420253	ClipTip 50, Filter, Sterile		5-50 µL	10 x 96/rack
94420258	ClipTip 50, Filter Reload Insert, Sterile		5-50 µL	10 x 96/insert
94410310	ClipTip 200		2-200 µL	10 x 96/rack
94410313	ClipTip 200, Sterile		2-200 µL	10 x 96/rack
94410317	ClipTip 200, Reload Tower		2-200 µL	10 x 96/insert
94410318	ClipTip 200, Reload Tower, Sterile		2-200 µL	10 x 96/insert
94420313	ClipTip 200, Filter, Sterile		2-200 µL	10 x 96/rack
94420318	ClipTip 200, Filter Reload Insert, Sterile		2-200 µL	10 x 96/insert
94410510	ClipTip 300		0-300 µL	10 x 96/rack
94410513	ClipTip 300, Sterile		10-300 µL	10 x 96/rack
94410517	ClipTip 300, Reload Tower		10-300 µL	10 x 96/insert
94410518	ClipTip 300, Reload Tower, Sterile		10-300 µL	10 x 96/insert
94420513	ClipTip 300, Filter, Sterile		10-300 µL	10 x 96/rack
94420518	ClipTip 300, Filter Reload Insert, Sterile		10-300 µL	10 x 96/insert
94410610	ClipTip 300 Ext		10-300 µL	8 x 96/rack
94410613	ClipTip 300 Ext, Sterile		10-300 µL	8 x 96/rack
94410617	ClipTip 300 Ext, Reload Tower		10-300 µL	10 x 96/rack
94420613	ClipTip 300 Ext, Filter, Sterile		10-300 µL	8 x 96/rack
94410710	ClipTip 1000		30-1000 µL	8 x 96/rack
94410713	ClipTip 1000, Sterile		30-1000 µL	8 x 96/rack
94410717	ClipTip 1000, Reload Tower		30-1000 µL	8 x 96/insert
94410718	ClipTip 1000, Reload Tower, Sterile		30-1000 µL	8 x 96/insert
94420713	ClipTip 1000, Filter, Sterile		30-1000 µL	8 x 96/rack
94420718	ClipTip 1000, Filter Reload Insert, Sterile		30-1000 µL	8 x 96/insert
94410810	ClipTip 1250		15-1250 µL	8 x 96/rack
94410813	ClipTip 1250, Sterile		15-1250 µL	8 x 96/rack
94410817	ClipTip 1250, Reload Insert		15-1250 µL	8 x 96/insert
94410818	ClipTip 1250, Reload Insert, Sterile		15-1250 µL	8 x 96/insert
94420813	ClipTip 1250, Filter, Sterile		15-1250 µL	8 x 96/rack
94420818	ClipTip 1250, Filter Reload Insert, Sterile		15-1250 µL	8 x 96/insert
384 ClipTip Tips*				
94410050	ClipTip 384 12.5		0.5-12.5 µL	10x384/rack
94410053	ClipTip 384 12.5, Sterile		0.5-12.5 µL	10x384/rack
94420053	ClipTip 384 12.5, Filter, Sterile		0.5-12.5 µL	10x384/rack
94410070	ClipTip 384 12.5 Ext		0.5-12.5 µL	10x384/rack
94410073	ClipTip 384 12.5 Ext, Sterile		0.5-12.5 µL	10x384/rack
94420073	ClipTip 384 12.5 Ext , Filter, Sterile		0.5-12.5 µL	10x384/rack
94410100	ClipTip 384 30		1-30 µL	10x384/rack
94410103	ClipTip 384 30, Sterile		1-30 µL	10x384/rack
94420103	ClipTip 384 30, Filter, Sterile		1-30 µL	10x384/rack
94410150	ClipTip 384 125		2-125 µL	10x384/rack
94410153	ClipTip 384 125, Sterile		2-125 µL	10x384/rack
94420153	ClipTip 384 125, Filter, Sterile		2-125 µL	10x384/rack

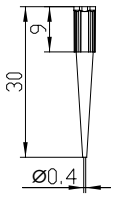
* ClipTip 12.5 and ClipTip 384 tips do not have interlocking tip inferface or low retention technology

Thermo Scientific ClipTip Pipette Tip Dimensions

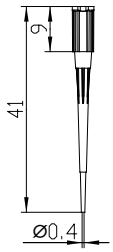
Description	Overall Tip Length	Tip Shoulder (Proximal)	Inner Orifice Diameter (Distal)
96 ClipTip Tips			
ClipTip 12.5*	30 mm	9 mm	0.4 mm
ClipTip 12.5 Ext*	41 mm	9 mm	0.4 mm
ClipTip 20	46 mm	17 mm	0.4 mm
ClipTip 50	51 mm	17 mm	0.4 mm
ClipTip 200	56 mm	22 mm	0.5 mm
ClipTip 300	63 mm	22 mm	0.6 mm
ClipTip 300 Ext	100 mm	22 mm	0.6 mm
ClipTip 1000	95 mm	32 mm	1.1 mm
ClipTip 1250**	108 mm	32 mm	0.9 mm
384 ClipTip Tips*			
ClipTip 384 12.5	30 mm	9 mm	0.4 mm
ClipTip 384 12.5 Ext	41 mm	9 mm	0.4 mm
ClipTip 384 30	44 mm	9 mm	0.4 mm
ClipTip 384 125	64 mm	9 mm	0.5 mm

* All ClipTip pipette tips are low retention with the exception of 384 and 12.5 models. ClipTip 384 and ClipTip 12.5 tips and compatible E1-ClipTip models do not have interlock technology.

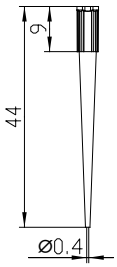
** ClipTip 1250 tip design has been updated from lot number 18205A0 forward to allow better precision in aspiration and better reach to the bottom os tubes. Additionally for filtered tips, the filter has been changed for improved stepping performance.



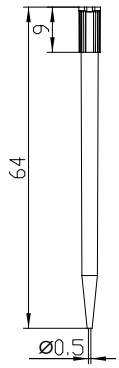
ClipTip 384 12.5



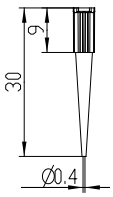
ClipTip 384 12.5 Ext



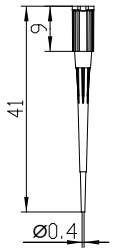
ClipTip 384 30



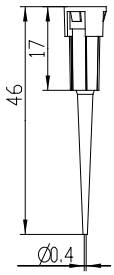
ClipTip 384 125



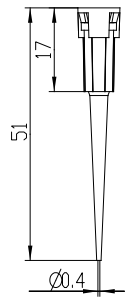
ClipTip 12.5



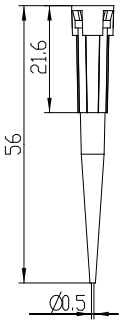
ClipTip 12.5 Ext



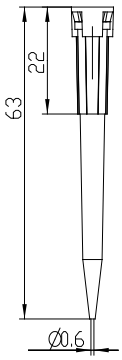
ClipTip 20



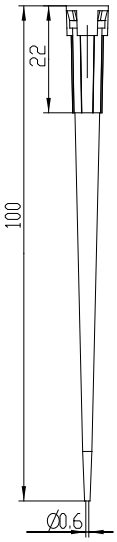
ClipTip 50



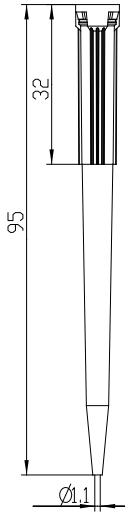
ClipTip 200



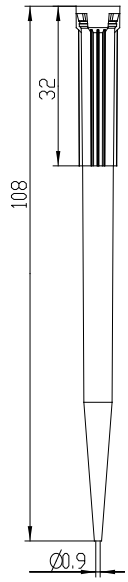
ClipTip 300



ClipTip 300 Ext



ClipTip 1000



ClipTip 1250

ClipTip Compatibility

Order No.	Description	ClipTip 12.5	ClipTip 12.5 Ext*	ClipTip 20	ClipTip 50	ClipTip 200	ClipTip 300	ClipTip 300 Ext*	ClipTip 1000	ClipTip 1250	ClipTip 12.5 384	ClipTip 12.5 Ext 384*	ClipTip 30 384	ClipTip 125 384
E1-ClipTip Electronic Pipettes														
Single channels														
4670000 4670000BT	E1-ClipTip 0.5-12.5 µL	•	•											
4670020 4670020BT	E1-ClipTip 2-125 µL					•								
4670030 4670030BT	E1-ClipTip 10-300 µL						•	•						
4670040 4670040BT	E1-ClipTip 15-1250 µL									•				
Multichannels														
4671000 4671000BT	E1-ClipTip 8-ch 0.5-12.5 µL	•	•											
4671040 4671040BT	E1-ClipTip 8-ch 2-125 µL					•								
4671070 4671070BT	E1-ClipTip 8-ch 10-300 µL						•	•						
4671100 4671100BT	E1-ClipTip 8-ch 15-1250 µL									•				
4671010 4671010BT	E1-ClipTip 12-ch 0.5-12.5 µL	•	•											
4671050 4671050BT	E1-ClipTip 12-ch 2-125 µL					•								
4671080 4671080BT	E1-ClipTip 12-ch 10-300 µL						•	•						
4671090 4671090BT	E1-ClipTip 12-ch 30-850 µL								•					
4671020 4671020BT	E1-ClipTip 16-ch 0.5-12.5 µL										•	•		
4671030 4671030BT	E1-ClipTip 16-ch 1-30 µL												•	
4671060 4671060BT	E1-ClipTip 16-ch 2-125 µL													•
Adjustable Tip Spacing Multichannels														
4672090 4672090BT	E1-ClipTip Equalizer 6-ch 15-1250 µL									•				
4672050 4672050BT	E1-ClipTip Equalizer 8-ch 2-125 µL					•								
4672080 4672080BT	E1-ClipTip Equalizer 8-ch 10-300 µL						•	•						
4672100 4672100BT	E1-ClipTip Equalizer 8-ch 15-1250 µL									•				
4672010 4672010BT	E1-ClipTip Equalizer 384 8-ch 0.5-12.5 µL										•	•		
4672030 4672030BT	E1-ClipTip Equalizer 384 8-ch 1-30 µL												•	
4672060 4672060BT	E1-ClipTip Equalizer 384 8-ch 2-125 µL													•
4672020 4672020BT	E1-ClipTip Equalizer 384 12-ch 0.5-12.5 µL										•	•		
4672040 4672070BT	E1-ClipTip Equalizer 384 12-ch 1-30 µL												•	
4672070 4672070BT	E1-ClipTip Equalizer 384 12-ch 2-125 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.
Note: Pipettes should be recalibrated for use with any tip type not named on the Calibration Certificate.

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ClipTip Compatibility

Order No.	Description	ClipTip 20	ClipTip 50	ClipTip 200	ClipTip 300	ClipTip 300 Ext*	ClipTip 1000
F1-ClipTip Manual Pipettes							
Single channels							
4641170N	F1-ClipTip 1-10 µL	•					
4641180N	F1-ClipTip 2-20 µL	•					
4641190N	F1-ClipTip 5-50 µL		•				
4641200N	F1-ClipTip 10-100 µL			•			
4641210N	F1-ClipTip 20-200 µL			•			
4641220N	F1-ClipTip 30-300 µL				•	•	
4641230N	F1-ClipTip 100-1000 µL						•
4651190N	F1-ClipTip Fixed 10 µL	•					
4651200N	F1-ClipTip Fixed 20 µL	•					
4651210N	F1-ClipTip Fixed 25 µL		•				
4651220N	F1-ClipTip Fixed 50 µL		•				
4651230N	F1-ClipTip Fixed 100 µL			•			
4651240N	F1-ClipTip Fixed 200 µL			•			
4651250N	F1-ClipTip Fixed 250 µL				•	•	
4651260N	F1-ClipTip Fixed 500 µL						•
4651270N	F1-ClipTip Fixed 1000 µL						•
Multichannels							
4661110N	F1-ClipTip 8-ch 1-10 µL	•					
4661120N	F1-ClipTip 8-ch 5-50 µL		•				
4661130N	F1-ClipTip 8-ch 10-100 µL			•			
4661140N	F1-ClipTip 8-ch 30-300 µL				•	•	
4661150N	F1-ClipTip 12-ch 1-10 µL	•					
4661160N	F1-ClipTip 12-ch 5-50 µL		•				
4661170N	F1-ClipTip 12-ch 10-100 µL			•			
4661180N	F1-ClipTip 12-ch 30-300 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.
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