

Worry-free pipetting is finally here with the only tip that clips.

Eliminate the frustration of banging tips on your pipette

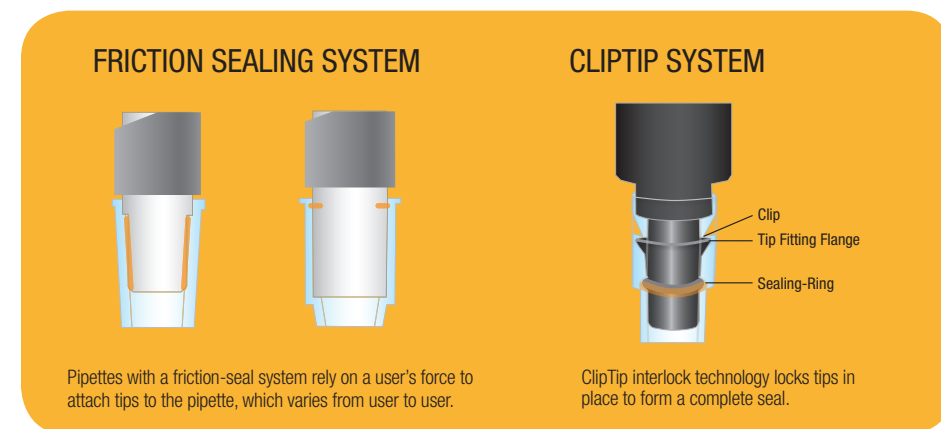
With a light touch, each tip is clipped securely on the pipette.

Reduce the risk of loose or leaking tips

When Thermo Scientific™ ClipTip™ pipette tips are on, they are sealed and will not loosen. The ClipTip pipetting system remains sealed until you decide to eject tips, even in the most comprehensive applications, including multiple tip touches and mixing cycles.

Enable consistent and reproducible pipetting from user to user

Higher-quality results and more efficient research.



ClipTip Pipette Tips

- Versatile product range with 12.5-1250 µL 96-format tips and 12.5-125µl 384-format tips.
- Several packaging options from racked to environmentally friendly and space saving reload towers.
- All ClipTip tips are certified free of RNase, DNase, DNA, ATP and endotoxin contamination.
- Low retention technology minimizes liquid retention, and enable maximum sample recovery. Available in ClipTip 20-1250 96-format tips.
- Convenient color coding makes it easy to find the compatible F1-ClipTip or E1-ClipTip pipettes.

Thermo Scientific™ F1-ClipTip™ Manual Pipettes

- Revolutionary Interlocking ClipTip technology provides a secure seal on every channel.
- Extremely light tip attachment and ejection forces to help reduce strain injuries.
- Effortless and secure volume adjustment with light and soundless volume adjustment mechanism and volume lock.
- Light-weight handle design with adjustable finger rest.
- Complete range of single, 8- and 12-channel pipettes within volume range of 1-1000 µL.

Thermo Scientific™ E1-ClipTip™ Electronic Pipettes

- Revolutionary Interlocking ClipTip technology provides a secure seal on every channel.
- Adjustable tip-spacing combined with the electronic tip ejection, and index finger operation ensures more ergonomic and efficient pipetting experience.
- An intuitive personalized user-interface makes even the most complex protocols easier, and efficient to complete.
- Versatile product range from single, 8-, 12- and 16-channel to 6-12-channel adjustable tip spacing pipettes.

Save 90% more time with E1-ClipTip Equalizer pipettes!

Save over 90% more time, and 90% less repetitions. Transfer samples between any labware format, and save time with E1-ClipTip Electronic Adjustable Tip Spacing models.

Equalizer model selector guide

96-Format Equalizer Pipettes					
Channels	Max. spacing	Transfer to/from	↔	Transfer from/to	Min. spacing
6-channel	19.8 mm	<ul style="list-style-type: none"> • Test tube racks • 24-well microplates 	↔	<ul style="list-style-type: none"> • 96-well microplates • Deepwell blocks 	9.0 mm
8-channel	14.2 mm	<ul style="list-style-type: none"> • Microcentrifuge tube racks • 48-well microplates 	↔	<ul style="list-style-type: none"> • 96-well microplates • Deepwell blocks 	9.0 mm
384-Format Equalizer Pipettes					
Channels	Max. spacing	Transfer to/from	↔	Transfer from/to	Min. spacing
8-channel	14.2 mm	<ul style="list-style-type: none"> • 96-well microplates • 48-well microplates • Deepwell blocks • Microcentrifuge tube racks 	↔	<ul style="list-style-type: none"> • 384-well microplates • 384 PCR plates • Agarose Gels 	4.5 mm
12-channel	9.0 mm	<ul style="list-style-type: none"> • 96-well microplates • Deepwell blocks 	↔	<ul style="list-style-type: none"> • 384-well microplates • 384 PCR plates • Agarose Gels 	4.5 mm

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Explore all the new ways to protect your instruments and equipment at unitylabservices.com/pipette

Find out more at thermofisher.com/clipip

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Thermo Scientific
ClipTip Pipetting Systems

Selection Guide

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F1-ClipTip Manual Pipettes and ClipTip Pipette Tips

Item No.	Color Key/Description	Volume Range	Increment/Packaging
10/20 µL PIPETTES			
Increment			
4641170N	• F1-ClipTip 1-10 µL	1-10 µL	0.02 µL
4641180N	• F1-ClipTip 2-20 µL	2-20 µL	0.02 µL
4661110N	• F1-ClipTip 8-ch 1-10 µL	1-10 µL	0.02 µL
4661150N	• F1-ClipTip 12-ch 1-10 µL	1-10 µL	0.02 µL
20 µL TIPS			
Packaging			
94410210	• ClipTip 20	1-20 µL	Racked, 96 tips/rack, 10 racks/pack
94410213	• ClipTip 20	1-20 µL	Racked, Sterile, 96 tips/rack, 10 racks/pack
94410217	• ClipTip 20	1-20 µL	Reload Tower, 96 tips/insert, 10 inserts/pack
94410218	• ClipTip 20	1-20 µL	Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420213	• ClipTip 20	1-20 µL	Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420218	• ClipTip 20	1-20 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
50 µL PIPETTES			
Increment			
4641190N	• F1-ClipTip 5-50 µL	5-50 µL	0.1 µL
4661120N	• F1-ClipTip 8-ch 5-50 µL	5-50 µL	0.1 µL
4661160N	• F1-ClipTip 12-ch 5-50 µL	5-50 µL	0.1 µL
50 µL TIPS			
Packaging			
94410250	• ClipTip 50	5-50 µL	Racked, 96 tips/rack, 10 racks/pack
94410253	• ClipTip 50	5-50 µL	Racked, Sterile, 96 tips/rack, 10 racks/pack
94410257	• ClipTip 50	5-50 µL	Reload Tower, 96 tips/insert, 10 inserts/pack
94410258	• ClipTip 50	5-50 µL	Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420253	• ClipTip 50	5-50 µL	Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420258	• ClipTip 50	5-50 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
100 µL / 200 µL PIPETTES			
Increment			
4641200N	• F1-ClipTip 10-100 µL	10-100 µL	0.2 µL
4641210N	• F1-ClipTip 20-200 µL	20-200 µL	0.2 µL
4661130N	• F1-ClipTip 8-ch 10-100 µL	10-100 µL	0.2 µL
4661170N	• F1-ClipTip 12-ch 10-100 µL	10-100 µL	0.2 µL
200 µL TIPS			
Packaging			
94410310	• ClipTip 200	10-200 µL	Racked, 96 tips/rack, 10 racks/pack
94410313	• ClipTip 200	10-200 µL	Racked, Sterile, 96 tips/rack, 10 racks/pack
94410317	• ClipTip 200	10-200 µL	Reload Tower, 96 tips/insert, 10 inserts/pack
94410318	• ClipTip 200	10-200 µL	Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420313	• ClipTip 200	10-200 µL	Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420318	• ClipTip 200	10-200 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
300 µL PIPETTES			
Increment			
4641220N	• F1-ClipTip 30-300 µL	30-300 µL	1 µL
4661140N	• F1-ClipTip 8-ch 30-300 µL	30-300 µL	1 µL
4661180N	• F1-ClipTip 12-ch 30-300 µL	30-300 µL	1 µL
300 µL TIPS			
Packaging			
94410510	• ClipTip 300	30-300 µL	Racked, 96 tips/rack, 10 racks/pack
94410513	• ClipTip 300	30-300 µL	Racked, Sterile, 96 tips/rack, 10 racks/pack
94410517	• ClipTip 300	30-300 µL	Reload Tower, 96 tips/insert, 10 inserts/pack
94410518	• ClipTip 300	30-300 µL	Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420513	• ClipTip 300	30-300 µL	Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420518	• ClipTip 300	30-300 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
1000 µL PIPETTES			
Increment			
4641230N	• F1-ClipTip 100-1000 µL*	100-1000 µL	1 µL
1000 µL TIPS			
Packaging			
94410710	• ClipTip 1000	100-1000 µL	Racked, 96 tips/rack, 8 racks/pack
94410713	• ClipTip 1000	100-1000 µL	Racked, Sterile, 96 tips/rack, 8 racks/pack
94410717	• ClipTip 1000	100-1000 µL	Reload Tower, 96 tips/insert, 8 inserts/pack
94410718	• ClipTip 1000	100-1000 µL	Reload Tower, Sterile, 96 tips/insert, 8 inserts/pack
94420713	• ClipTip 1000	100-1000 µL	Racked, Filtered, Sterile, 96 tips/rack, 8 racks/pack
94420718	• ClipTip 1000	100-1000 µL	Reload Insert, Filtered, Sterile, 96 tips/insert, 8 inserts/pack

- 10 µL/ 20 µL
- 50 µL
- 100 µL/ 200 µL
- 300 µL
- 850 µL/ 1000 µL

E1-ClipTip Electronic Pipettes and ClipTip Pipette Tips

Item No.	Color Key/Description	Volume Range	Tip Spacing Range (mm)	Increment/Packaging
12.5 µL PIPETTES*				
Increment				
4670000	• E1-ClipTip 0.5-12.5 µL	0.5-12.5 µL		0.01 µL
4671000	• E1-ClipTip 8-ch 0.5-12.5 µL	0.5-12.5 µL		0.01 µL
4671010	• E1-ClipTip 12-ch 0.5-12.5 µL	0.5-12.5 µL		0.01 µL
12.5 µL TIPS*				
Packaging				
94410040	• ClipTip 12.5	0.5-12.5 µL		Racked, 96 tips/rack, 10 racks/pack
94410043	• ClipTip 12.5	0.5-12.5 µL		Racked, Sterile, 96 tips/rack, 10 racks/pack
94420043w	• ClipTip 12.5	0.5-12.5 µL		Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
384, 12.5 µL PIPETTES*				
Increment				
4671020	• E1-ClipTip 16-ch 0.5-12.5 µL	0.5-12.5 µL		0.01 µL
4672010	• E1-ClipTip Equalizer 384 8-ch 0.5-12.5 µL	0.5-12.5 µL	4.5-14.2	0.01 µL
4672020	• E1-ClipTip Equalizer 384 12-ch 0.5-12.5 µL	0.5-12.5 µL	4.5-9.0	0.01 µL
384, 12.5 µL TIPS*				
Packaging				
94410050	• ClipTip 384 12.5	0.5-12.5 µL		Racked, 384 tips/rack, 10 racks/pack
94410053	• ClipTip 384 12.5	0.5-12.5 µL		Racked, Sterile, 384 tips/rack, 10 racks/pack
94420053	• ClipTip 384 12.5	0.5-12.5 µL		Racked, Filtered, Sterile, 384 tips/rack, 10 racks/pack
384, 30 µL PIPETTES*				
Increment				
4671030	• E1-ClipTip 16-ch 1-30 µL	1-30 µL		0.01 µL
4672030	• E1-ClipTip Equalizer 384 8-ch 1-30 µL	1-30 µL	4.5-14.2	0.01 µL
4672040	• E1-ClipTip Equalizer 384 12-ch 1-30 µL	1-30 µL	4.5-9.0	0.01 µL
384, 30 µL TIPS*				
Packaging				
94410100	• ClipTip 384 30	1-30 µL		Racked, 384 tips/rack, 10 racks/pack
94410103	• ClipTip 384 30	1-30 µL		Racked, Sterile, 384 tips/rack, 10 racks/pack
94420103	• ClipTip 384 30	1-30 µL		Racked, Filtered, Sterile, 384 tips/rack, 10 racks/pack
125 µL PIPETTES				
Increment				
4670020	• E1-ClipTip 1-ch 2-125 µL	2-125 µL		0.1 µL
4671040	• E1-ClipTip 8-ch 2-125 µL	2-125 µL		0.1 µL
4671050	• E1-ClipTip 12-ch 2-125 µL	2-125 µL		0.1 µL
4672050	• E1-ClipTip Equalizer 8-ch 2-125 µL	2-125 µL	9.0-14.2	0.1 µL
200 µL TIPS				
Packaging				
94410310	• ClipTip 200	2-200 µL		Racked, 96 tips/rack, 10 racks/pack
94410313	• ClipTip 200	2-200 µL		Racked, Sterile, 96 tips/rack, 10 racks/pack
94410317	• ClipTip 200	2-200 µL		Reload Tower, 96 tips/insert, 10 inserts/pack
94410318	• ClipTip 200	2-200 µL		Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420313	• ClipTip 200	2-200 µL		Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420318	• ClipTip 200	2-200 µL		Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
384, 125 µL PIPETTES*				
Increment				
4671060	• E1-ClipTip 16-ch 2-125 µL	2-125 µL		0.1 µL
4672060	• E1-ClipTip Equalizer 384 8-ch 2-125 µL	2-125 µL	4.5-14.2	0.1 µL
4672070	• E1-ClipTip Equalizer 384 12-ch 2-125 µL	2-125 µL	4.5-9.0	0.1 µL
384, 125 µL TIPS*				
Packaging				
94410150	• ClipTip 384 125	2-125 µL		Racked, 384 tips/rack, 10 racks/pack

* ClipTip 384 and ClipTip 12.5 tips and compatible E1-ClipTip models utilize snap and clip tip fitting technology. All ClipTip pipette tips are low retention with the exception of 384 and 12.5 models.

E1-ClipTip Electronic Pipettes and ClipTip Pipette Tips, continued

Item No.	Color Key/Description	Volume Range	Tip Spacing Range (mm)	Increment/Packaging
94410153	• ClipTip 384 125	2-125 µL		Racked, Sterile, 384 tips/rack, 10 racks/pack
94420153	• ClipTip 384 125	2-125 µL		Racked, Filtered, Sterile, 384 tips/rack, 10 racks/pack
300 µL PIPETTES				
Increment				
4670030	• E1-ClipTip 1-ch 10-300 µL	10-300 µL		0.1 µL
4671070	• E1-ClipTip 8-ch 10-300 µL	10-300 µL		0.1 µL
4671080	• E1-ClipTip 12-ch 10-300 µL	10-300 µL		0.1 µL
4672080	• E1-ClipTip Equalizer 8-ch 10-300 µL	10-300 µL	9.0-14.2	0.1 µL
300 µL TIPS				
Packaging				
94410510	• ClipTip 300	10-300 µL		Racked, 96 tips/rack, 10 racks/pack
94410513	• ClipTip 300	10-300 µL		Racked, Sterile, 96 tips/rack, 10 racks/pack
94410517	• ClipTip 300	10-300 µL		Reload Tower, 96 tips/insert, 10 inserts/pack
94410518	• ClipTip 300	10-300 µL		Reload Tower, Sterile, 96 tips/insert, 10 inserts/pack
94420513	• ClipTip 300	10-300 µL		Racked, Filtered, Sterile, 96 tips/rack, 10 racks/pack
94420518	• ClipTip 300	10-300 µL		Reload Insert, Filtered, Sterile, 96 tips/insert, 10 inserts/pack
850 µL PIPETTES				
Increment				
4671090	• E1-ClipTip 12-ch 30-850 µL	30-850 µL		1.0 µL
1000 µL TIPS				
Packaging				
94410710	• ClipTip 1000	30-1000 µL		Racked, 96 tips/rack, 8 racks/pack
94410713	• ClipTip 1000	30-1000 µL		Racked, Sterile, 96 tips/rack, 8 racks/pack
94410717	• ClipTip 1000	30-1000 µL		Reload Tower, 96 tips/insert, 8 inserts/pack
94410718	• ClipTip 1000	30-1000 µL		Reload Tower, Sterile, 96 tips/insert, 8 inserts/pack
94420713	• ClipTip 1000	30-1000 µL		Racked, Filtered, Sterile, 96 tips/rack, 8 racks/pack
94420718	• ClipTip 1000	30-1000 µL		Reload Insert, Filtered, Sterile, 96 tips/insert, 8 inserts/pack
1250 µL PIPETTES				
Increment				
4670040	• E1-ClipTip 15-1250 µL	15-1250 µL		1.0 µL
4671100	• E1-ClipTip 8-ch 15-1250 µL	15-1250 µL		1.0 µL
4672090	• E1-ClipTip Equalizer 6-ch 15-1250 µL	15-1250 µL	9.0-19.8	1.0 µL
4672100	• E1-ClipTip Equalizer 8-ch 15-1250 µL	15-1250 µL	9.0-14.2	1.0 µL
1250 µL TIPS				
Packaging				
94410810	• ClipTip 1250	15-1250 µL		Racked, 96 tips/rack, 8 racks/pack
94410813	• ClipTip 1250	15-1250 µL		Racked, Sterile, 96 tips/rack, 8 racks/pack
94410817	• ClipTip 1250	15-1250 µL		Reload Insert, 96 tips/insert, 8 inserts/pack
94410818	• ClipTip 1250	15-1250 µL		Reload Insert, Sterile, 96 tips/insert, 8 inserts/pack
94420813	• ClipTip 1250	15-1250 µL		Racked, Filtered, Sterile, 96 tips/rack, 8 racks/pack
94420818	• ClipTip 1250	15-1250 µL		Reload Insert, Filtered, Sterile, 96 tips/insert, 8 inserts/pack



E1-ClipTip Single Charging Stand



E1-ClipTip Multi Charging Stand

F1-ClipTip Manual Fixed Volume Pipettes

Item No.	Description	Volume Range
4651190N	F1-ClipTip 10 µL	10 µL
4651200N	F1-ClipTip 20 µL	20 µL
4651210N	F1-ClipTip 25 µL	25 µL
4651220N	F1-ClipTip 50 µL	50 µL
4651230N	F1-ClipTip 100 µL	100 µL
4651240N	F1-ClipTip 200 µL	200 µL
4651250N	F1-ClipTip 250 µL	250 µL
4651260N	F1-ClipTip 500 µL*	500 µL
4651270N	F1-ClipTip 1000 µL*	1000 µL

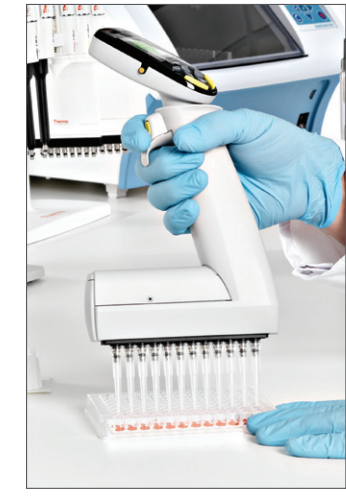
* Short Shaft



F1-ClipTip GLP Kit 2

F1-ClipTip Good Laboratory Pipetting Kits

Item No.	Description	Contents of Kit
4701140N	F1-ClipTip GLP Kit 1	<ul style="list-style-type: none"> • F1-ClipTip 1-10 µL single channel • F1-ClipTip 10-100 µL single channel • F1-ClipTip 100-1000 µL single channel • F-Series Stand • ClipTip 20 rack • ClipTip 200 rack • ClipTip 1000 rack • 25 mL reservoir • 25 mL divided reservoir • 100 mL divided reservoir
4701150N	F1-ClipTip GLP Kit 2	<ul style="list-style-type: none"> • F1-ClipTip 2-20 µL single channel • F1-ClipTip 20-200 µL single channel • F1-ClipTip 100-1000 µL single channel • F1-ClipTip 30-300 µL 8-channel • F-Series Stand • ClipTip 20 rack • ClipTip 200 rack • ClipTip 300 rack • ClipTip 1000 rack • 25 mL reservoir • 25 mL divided reservoir • 100 mL divided reservoir



E1-ClipTip Electronic MultiChannel Pipette



E1-ClipTip Equalizer Pipette

(See chart on the back for more details on adjustable tip spacing)

F1-ClipTip Manual and E1-ClipTip Electronic Accessories

Item No.	Description	Color Key	Increment/Packaging
9420400	F-Series Stand, white, 6 positions		
9420500	E1-ClipTip Charging Stand, 1 position		Compatible with E1-ClipTip pipettes
9420510	E1-ClipTip Multi Charging Stand, 3 position		Compatible with E1-ClipTip pipettes
94410219	Empty Rack, Small	• • •	10 racks, no tips/inserts
94410519	Empty Rack, Medium	• •	10 racks, no tips/inserts
94410819	Empty Rack, Large	• •	8 racks, no tips/inserts



Thermo Scientific Good Laboratory Pipetting

Learn how the right combination of technique, tools, ergonomics and service support Good Laboratory Pipetting at thermo.com/pipette

