



# *E series tips*



5 Racks per Pack Available!



We open to new ideas !

Compatible with liquid handling workstation

GenFollower.com

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Web: [www.GenFollower.com](http://www.GenFollower.com)  
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SHAOXING GENFOLLOWER BIOTECH CO.,LTD.

# E Series Filter Pipette Tips



Search "GenFollower" on Youtube or go to  
"https://youtube.com/channel/UCLbB\_rIWHnNHqceVrOtPgQQ"



5 Racks per Pack Available!

Thinner wall of entrance brings you a softer hand feeling to reduce damage to the wrist in long-term use.

More graduations could meet a wider variety of volume pipetting needs and achieve more precise pipetting.

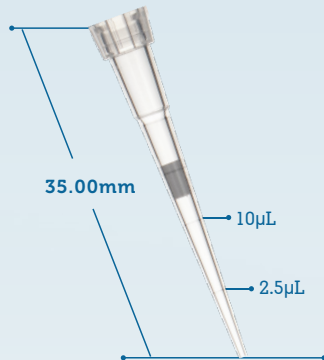
Rack of the tips is up to ANSI-SLAS standard, which make it compatible with workstations using non-exclusive or non-specific tips.

This product has passed the RoHS (2011/65/EU and its amendment 2015/863) test covering ten restricted hazardous substances, as well as key REACH SVHC screenings including Cd, Pb, PHTH, and PAHs. All results comply with EU environmental regulations and the product is suitable for export to the EU and US markets.

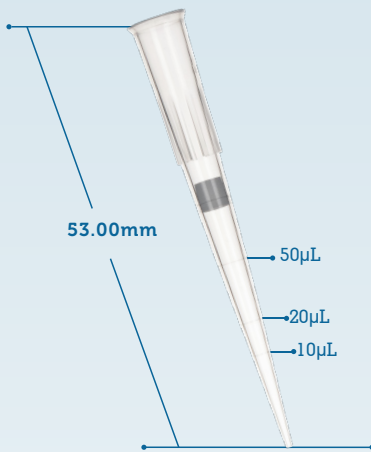
E-short-10μL



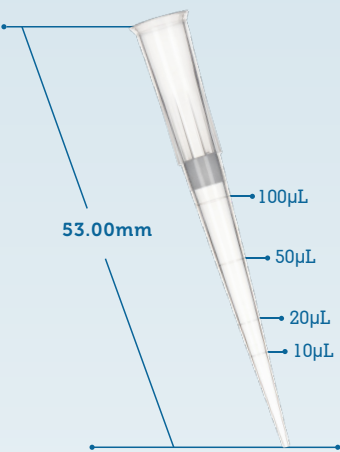
E-middle-10μL



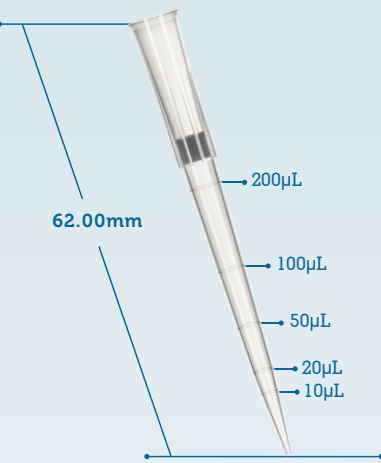
E-50μL



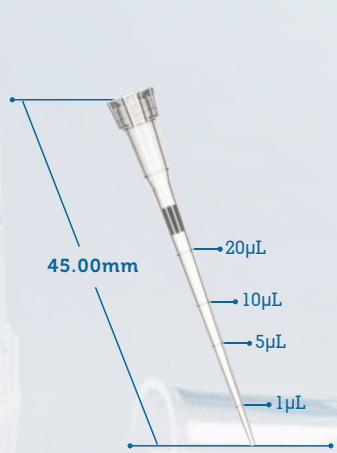
E-100μL



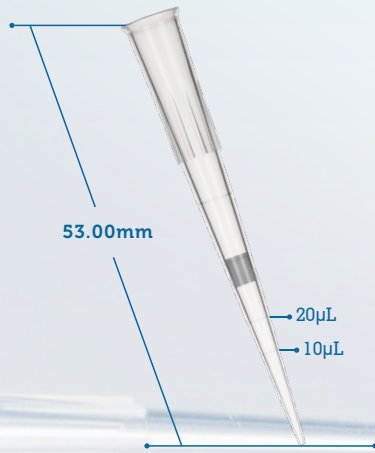
E-200μL



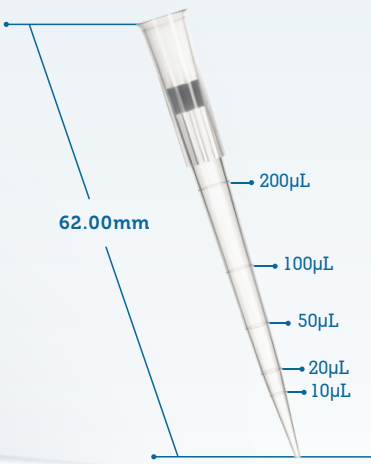
E-long-10μL



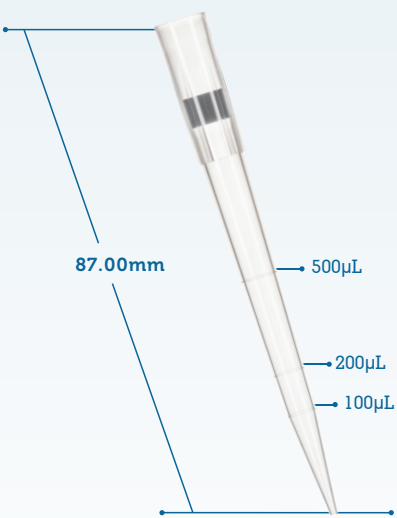
E-20μL



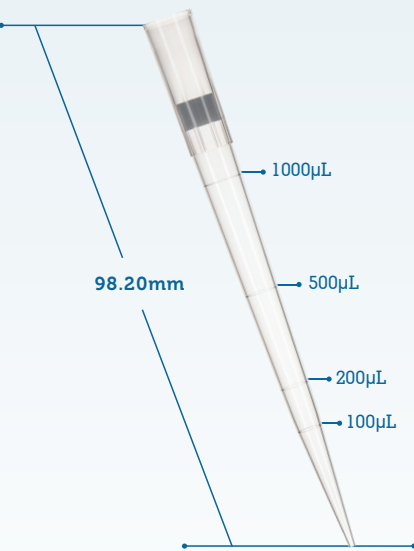
E-300μL



E-1000μL



E-1250μL





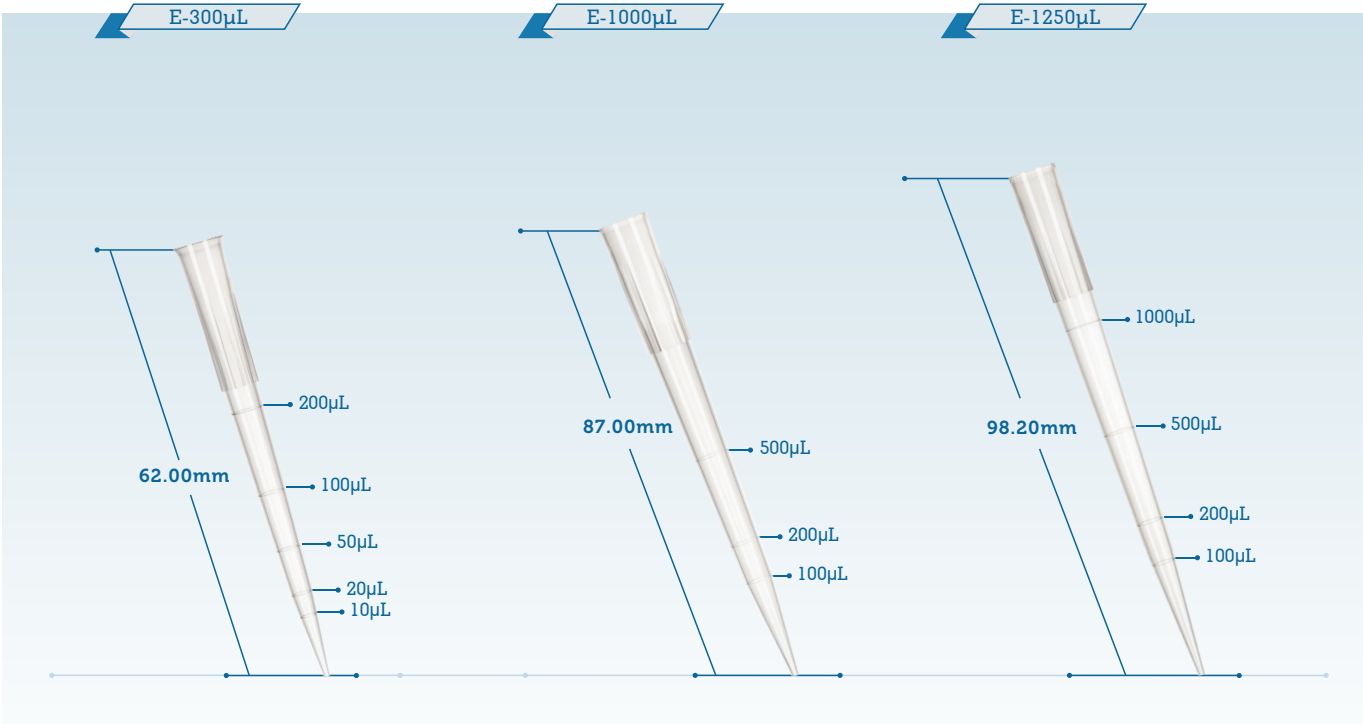
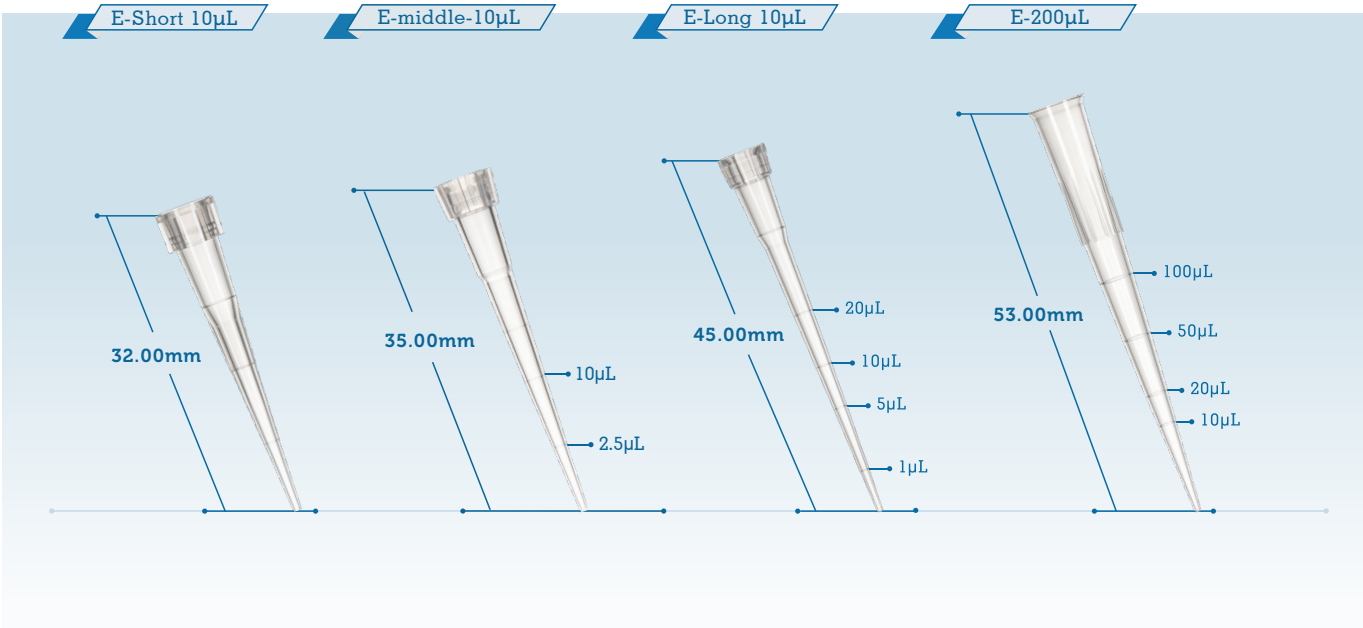
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"https://youtube.com/channel/UCLbB\_rlWHnNHqceVrOtPgQQ"



E Series Filter Pipette Tips

5 Racks per Pack Available!

| ORDER INFORMATION |               |        |                     |               |            | Size / Case (CM) |      |      | Weight / Case(Kg) |
|-------------------|---------------|--------|---------------------|---------------|------------|------------------|------|------|-------------------|
| Size              | Packaging     | Color  | Class               | Cat.#         | Qty / Case | L                | W    | H    |                   |
| 10µL, Short       | 96 tips/Rack  | Nature | Common              | E-FTR10S-S    | 50 Racks   | 37.5             | 31.7 | 54   | 7.18              |
| 10µL, Short       | 1000 tips/Bag | Nature |                     | E-FTB10S      | 10 Bags    | 27               | 25   | 20   | 2.05              |
| 10µL, Short       | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR10S-L-S  | 50 Racks   | 37.5             | 31.7 | 54   | 7.18              |
| 10µL, Short       | 1000 tips/Bag | Nature |                     | E-FTB10S-L    | 10 Bags    | 27               | 25   | 20   | 2.05              |
| 10µL, Middle      | 96 tips/Rack  | Nature | Common              | E-FTR10M-S    | 50 Racks   | 37.5             | 31.7 | 54   | 6.65              |
| 10µL, Middle      | 1000 tips/Bag | Nature |                     | E-FTB10M      | 10 Bags    | 33               | 25   | 30   | 2.05              |
| 10µL, Middle      | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR10M-L-S  | 50 Racks   | 37.5             | 31.7 | 54   | 6.65              |
| 10µL, Middle      | 1000 tips/Bag | Nature |                     | E-FTB10M-L    | 10 Bags    | 33               | 25   | 30   | 2.05              |
| 10µL, Long        | 96 tips/Rack  | Nature | Common              | E-FTR10GL-S   | 50 Racks   | 37.5             | 31.7 | 54   | 7.23              |
| 10µL, Long        | 1000 tips/Bag | Nature |                     | E-FTB10GL     | 10 Bags    | 33               | 25   | 30   | 2.15              |
| 10µL, Long        | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR10GL-L-S | 50 Racks   | 37.5             | 31.7 | 54   | 7.23              |
| 10µL, Long        | 1000 tips/Bag | Nature |                     | E-FTB10GL-L   | 10 Bags    | 33               | 25   | 30   | 2.15              |
| 20µL              | 96 tips/Rack  | Nature | Common              | E-FTR20-S     | 50 Racks   | 45               | 31.7 | 54   | 8.72              |
| 20µL              | 1000 tips/Bag | Nature |                     | E-FTB20       | 10 Bags    | 38.5             | 30   | 32.5 | 3.80              |
| 20µL              | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR20-L-S   | 50 Racks   | 45               | 31.7 | 54   | 8.72              |
| 20µL              | 1000 tips/Bag | Nature |                     | E-FTB20-L     | 10 Bags    | 38.5             | 30   | 32.5 | 3.80              |
| 50µL              | 96 tips/Rack  | Nature | Common              | E-FTR50-S     | 50 Racks   | 45               | 31.7 | 54   | 8.72              |
| 50µL              | 1000 tips/Bag | Nature |                     | E-FTB50       | 10 Bags    | 38.5             | 30   | 32.5 | 3.85              |
| 50µL              | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR50-L-S   | 50 Racks   | 45               | 31.7 | 54   | 8.72              |
| 50µL              | 1000 tips/Bag | Nature |                     | E-FTB50-L     | 10 Bags    | 38.5             | 30   | 32.5 | 3.85              |
| 100µL             | 96 tips/Rack  | Nature | Common              | E-FTR100-S    | 50 Racks   | 45               | 31.7 | 54   | 8.82              |
| 100µL             | 1000 tips/Bag | Nature |                     | E-FTB100      | 10 Bags    | 38.5             | 30   | 32.5 | 4.00              |
| 100µL             | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR100-L-S  | 50 Racks   | 45               | 31.7 | 54   | 8.82              |
| 100µL             | 1000 tips/Bag | Nature |                     | E-FTB100-L    | 10 Bags    | 38.5             | 30   | 32.5 | 4.00              |
| 200µL             | 96 tips/Rack  | Nature | Common              | E-FTR200-S    | 50 Racks   | 45               | 31.7 | 54   | 9.12              |
| 200µL             | 1000 tips/Bag | Nature |                     | E-FTB200      | 10 Bags    | 42.5             | 28   | 47.5 | 4.95              |
| 200µL             | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR200-L-S  | 50 Racks   | 45               | 31.7 | 54   | 9.12              |
| 200µL             | 1000 tips/Bag | Nature |                     | E-FTB200-L    | 10 Bags    | 42.5             | 28   | 47.5 | 4.95              |
| 300µL             | 96 tips/Rack  | Nature | Common              | E-FTR300-S    | 50 Racks   | 45               | 31.7 | 54   | 9.17              |
| 300µL             | 1000 tips/Bag | Nature |                     | E-FTB300      | 10 Bags    | 42.5             | 28   | 47.5 | 5.05              |
| 300µL             | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR300-L-S  | 50 Racks   | 45               | 31.7 | 54   | 9.17              |
| 300µL             | 1000 tips/Bag | Nature |                     | E-FTB300-L    | 10 Bags    | 42.5             | 28   | 47.5 | 5.05              |
| 1000µL            | 96 tips/Rack  | Nature | Common              | E-FTR1000-S   | 50 Racks   | 70               | 37   | 50   | 13.30             |
| 1000µL            | 1000 tips/Bag | Nature |                     | E-FTB1000     | 10 Bags    | 48               | 43   | 55   | 12.25             |
| 1000µL            | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR1000-L-S | 50 Racks   | 70               | 37   | 50   | 13.30             |
| 1000µL            | 1000 tips/Bag | Nature |                     | E-FTB1000-L   | 10 Bags    | 48               | 43   | 55   | 12.25             |
| 1250µL            | 96 tips/Rack  | Nature | Common              | E-FTR1250-S   | 50 Racks   | 70               | 37   | 50   | 13.50             |
| 1250µL            | 1000 tips/Bag | Nature |                     | E-FTB1250     | 10 Bags    | 48               | 43   | 55   | 13.00             |
| 1250µL            | 96 tips/Rack  | Nature | Ultra Low retention | E-FTR1250-L-S | 50 Racks   | 70               | 37   | 50   | 13.50             |
| 1250µL            | 1000 tips/Bag | Nature |                     | E-FTB1250-L   | 10 Bags    | 48               | 43   | 55   | 13.00             |



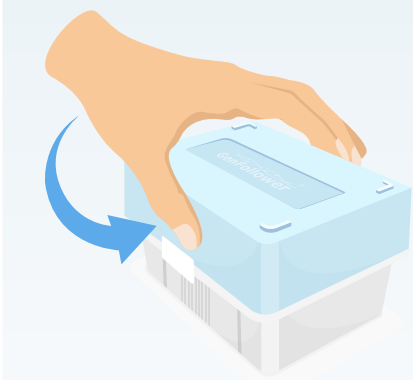
E Series Pipette Tips



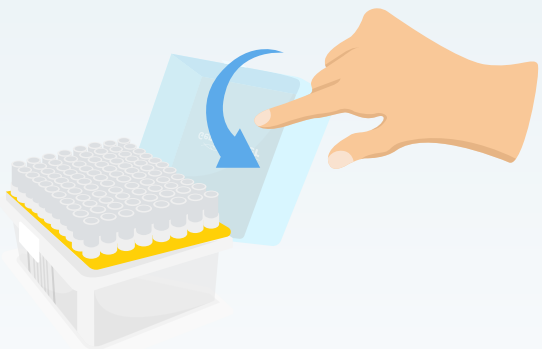
ORDER INFORMATION

| Size         | Packaging     | Color  | Class               | Cat.#        | Qty / Case | Size / Case (CM) |      |      | Weight / Case(Kg) |
|--------------|---------------|--------|---------------------|--------------|------------|------------------|------|------|-------------------|
|              |               |        |                     |              |            | L                | W    | H    |                   |
| 10µL, Short  | 96 tips/Rack  | Nature | Common              | E-TR10S-S    | 50 Racks   | 37.5             | 31.7 | 54   | 7.13              |
| 10µL, Short  | 1000 tips/Bag | Nature |                     | E-TB10S      | 10 Bags    | 27               | 25   | 20   | 1.65              |
| 10µL, Short  | 96 tips/Rack  | Nature | Ultra Low retention | E-TR10S-L-S  | 50 Racks   | 37.5             | 31.7 | 54   | 7.13              |
| 10µL, Short  | 1000 tips/Bag | Nature |                     | E-TB10S-L    | 10 Bags    | 27               | 25   | 20   | 1.65              |
| 10µL, Middle | 96 tips/Rack  | Nature | Common              | E-TR10M-S    | 50 Racks   | 37.5             | 31.7 | 54   | 6.80              |
| 10µL, Middle | 1000 tips/Bag | Nature |                     | E-TB10M      | 10 Bags    | 33               | 25   | 30   | 2.00              |
| 10µL, Middle | 96 tips/Rack  | Nature | Ultra Low retention | E-TR10M-L-S  | 50 Racks   | 37.5             | 31.7 | 54   | 6.80              |
| 10µL, Middle | 1000 tips/Bag | Nature |                     | E-TB10M-L    | 10 Bags    | 33               | 25   | 30   | 2.00              |
| 10µL, Long   | 96 tips/Rack  | Nature | Common              | E-TR10GL-S   | 50 Racks   | 37.5             | 31.7 | 54   | 7.13              |
| 10µL, Long   | 1000 tips/Bag | Nature |                     | E-TB10GL     | 10 Bags    | 33               | 25   | 30   | 1.95              |
| 10µL, Long   | 96 tips/Rack  | Nature | Ultra Low retention | E-TR10GL-L-S | 50 Racks   | 37.5             | 31.7 | 54   | 7.13              |
| 10µL, Long   | 1000 tips/Bag | Nature |                     | E-TB10GL-L   | 10 Bags    | 33               | 25   | 30   | 1.95              |
| 200µL        | 96 tips/Rack  | Nature | Common              | E-TR200-S    | 50 Racks   | 45               | 31.7 | 54   | 8.52              |
| 200µL        | 1000 tips/Bag | Nature |                     | E-TB200      | 10 Bags    | 38.5             | 30   | 32.5 | 3.40              |
| 200µL        | 96 tips/Rack  | Nature | Ultra Low retention | E-TR200-L-S  | 50 Racks   | 45               | 31.7 | 54   | 8.52              |
| 200µL        | 1000 tips/Bag | Nature |                     | E-TB200-L    | 10 Bags    | 38.5             | 30   | 32.5 | 3.40              |
| 300µL        | 96 tips/Rack  | Nature | Common              | E-TR300-S    | 50 Racks   | 45               | 31.7 | 54   | 9.02              |
| 300µL        | 1000 tips/Bag | Nature |                     | E-TB300      | 10 Bags    | 42.5             | 28   | 47.5 | 4.30              |
| 300µL        | 96 tips/Rack  | Nature | Ultra Low retention | E-TR300-L-S  | 50 Racks   | 45               | 31.7 | 54   | 9.02              |
| 300µL        | 1000 tips/Bag | Nature |                     | E-TB300-L    | 10 Bags    | 42.5             | 28   | 47.5 | 4.30              |
| 1000µL       | 96 tips/Rack  | Nature | Common              | E-TR1000-S   | 50 Racks   | 70               | 37   | 50   | 12.60             |
| 1000µL       | 1000 tips/Bag | Nature |                     | E-TB1000     | 10 Bags    | 48               | 43   | 55   | 10.60             |
| 1000µL       | 96 tips/Rack  | Nature | Ultra Low retention | E-TR1000-L-S | 50 Racks   | 70               | 37   | 50   | 12.60             |
| 1000µL       | 1000 tips/Bag | Nature |                     | E-TB1000-L   | 10 Bags    | 48               | 43   | 55   | 10.60             |
| 1250µL       | 96 tips/Rack  | Nature | Common              | E-TR1250-S   | 50 Racks   | 70               | 37   | 50   | 12.80             |
| 1250µL       | 1000 tips/Bag | Nature |                     | E-TB1250     | 10 Bags    | 48               | 43   | 55   | 11.00             |
| 1250µL       | 96 tips/Rack  | Nature | Ultra Low retention | E-TR1250-L-S | 50 Racks   | 70               | 37   | 50   | 12.80             |
| 1250µL       | 1000 tips/Bag | Nature |                     | E-TB1250-L   | 10 Bags    | 48               | 43   | 55   | 11.00             |

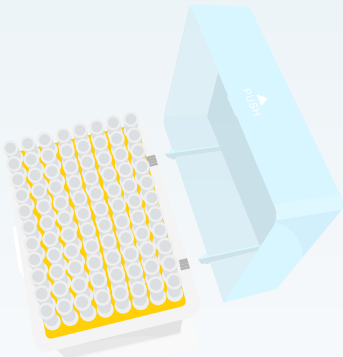
One-Hand Wonder: Easy-to-Assemble Rack



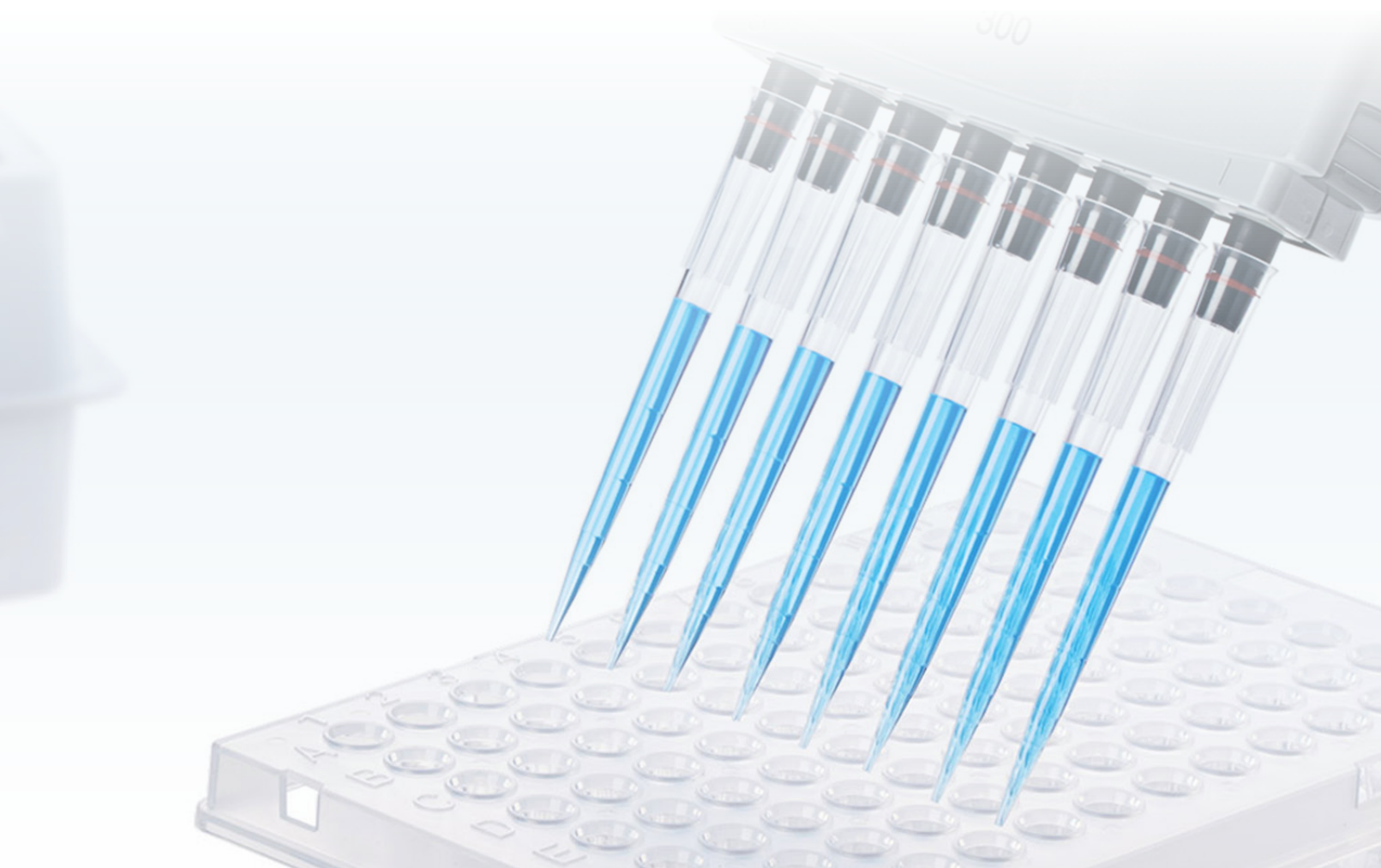
Press to open



Press down to unload the lid



Install the lid



E Series Pipette Tips Refill System



- Go Green: We're slashing plastic in our packaging, and you can give those empty single racks a second life.
- Easy to Use: Just press the top to install, and they perfectly fit in an empty rack.
- Pure and Clean: Sterile and devoid of DNA, RNA, and pyrogens, ensuring the utmost in product purity.



ORDER INFORMATION

| Size       | Packaging            | Color  | Class               | Sterility   | Cat.#        | Qty/Case | Size / Case (CM) |    |      | Weight / Case (Kg) |
|------------|----------------------|--------|---------------------|-------------|--------------|----------|------------------|----|------|--------------------|
|            |                      |        |                     |             |              |          | L                | W  | H    |                    |
| 10uL, Long | 960 Tips/Refill unit | Nature | Common              | Sterile     | E-RS10GL-S   | 10 Units | 54               | 31 | 28.5 | 5.15               |
| 10uL, Long | 960 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS10GL-L-S | 10 Units | 54               | 31 | 28.5 | 5.15               |
| 10uL, Long | 960 Tips/Refill unit | Nature | Common              | Non-sterile | E-RS10GL     | 10 Units | 54               | 31 | 28.5 | 5.15               |
| 10uL, Long | 960 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS10GL-L   | 10 Units | 54               | 31 | 28.5 | 5.15               |
| 200uL      | 960 Tips/Refill unit | Nature | Common              | Sterile     | E-RS200-S    | 10 Units | 54               | 31 | 28.5 | 6.35               |
| 200uL      | 960 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS200-L-S  | 10 Units | 54               | 31 | 28.5 | 6.35               |
| 200uL      | 960 Tips/Refill unit | Nature | Common              | Non-sterile | E-RS200      | 10 Units | 54               | 31 | 28.5 | 6.35               |
| 200uL      | 960 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS200-L    | 10 Units | 54               | 31 | 28.5 | 6.35               |
| 300uL      | 960 Tips/Refill unit | Nature | Common              | Sterile     | E-RS300-S    | 10 Units | 54               | 31 | 31   | 7.15               |
| 300uL      | 960 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS300-L-S  | 10 Units | 54               | 31 | 31   | 7.15               |
| 300uL      | 960 Tips/Refill unit | Nature | Common              | Non-sterile | E-RS300      | 10 Units | 54               | 31 | 31   | 7.15               |
| 300uL      | 960 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS300-L    | 10 Units | 54               | 31 | 31   | 7.15               |
| 1000uL     | 768 Tips/Refill unit | Nature | Common              | Sterile     | E-RS1000-S   | 5 Units  | 32               | 26 | 34.5 | 4.65               |
| 1000uL     | 768 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS1000-L-S | 5 Units  | 32               | 26 | 34.5 | 4.65               |
| 1000uL     | 768 Tips/Refill unit | Nature | Common              | Non-sterile | E-RS1000     | 5 Units  | 32               | 26 | 34.5 | 4.65               |
| 1000uL     | 768 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS1000-L   | 5 Units  | 32               | 26 | 34.5 | 4.65               |
| 1250uL     | 768 Tips/Refill unit | Nature | Common              | Sterile     | E-RS1250-S   | 5 Units  | 32               | 26 | 34.5 | 4.90               |
| 1250uL     | 768 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS1250-L-S | 5 Units  | 32               | 26 | 34.5 | 4.90               |
| 1250uL     | 768 Tips/Refill unit | Nature | Common              | Non-sterile | E-RS1250     | 5 Units  | 32               | 26 | 34.5 | 4.90               |
| 1250uL     | 768 Tips/Refill unit | Nature | Ultra Low Retention |             | E-RS1250-L   | 5 Units  | 32               | 26 | 34.5 | 4.90               |

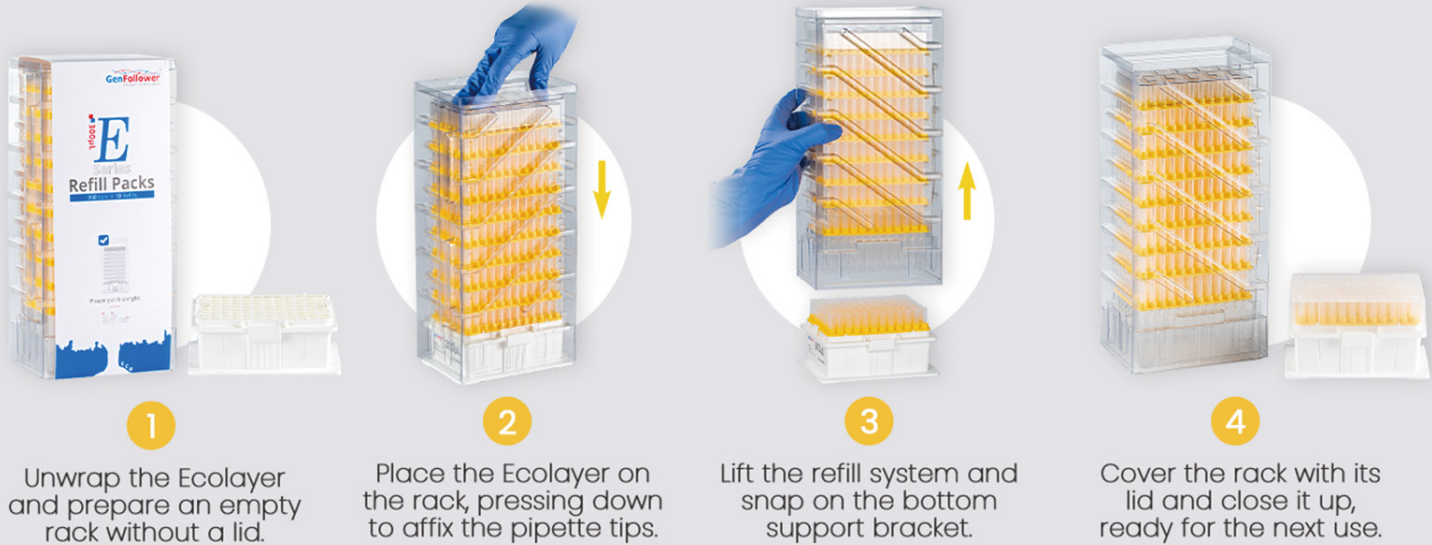
Empty Pipette Tip Racks



ORDER INFORMATION

| For Use With               | Type          | Color  | Material | Cat. #  | Qty/Case    | Size / Case (CM) |      |    | Weight / Case(Kg) |
|----------------------------|---------------|--------|----------|---------|-------------|------------------|------|----|-------------------|
|                            |               |        |          |         |             | L                | W    | H  |                   |
| 10uL pipette tips          | With wafer    | Red    | PP       | E-WER-A | 50 PCS/Case | 37.5             | 31.7 | 54 | 6.47              |
| 10uL pipette tips          | Without wafer |        |          | E-ER-A  | 50 PCS/Case | 37.5             | 31.7 | 54 | 6.07              |
| 200uL/300uL pipette tips   | With wafer    | Yellow | PP       | E-WER-B | 50 PCS/Case | 45               | 31.7 | 54 | 7.53              |
| 200uL/300uL pipette tips   | Without wafer |        |          | E-ER-B  | 50 PCS/Case | 45               | 31.7 | 54 | 6.78              |
| 1000uL/1250uL pipette tips | With wafer    | Blue   | PP       | E-WER-C | 50 PCS/Case | 70               | 37   | 50 | 9.40              |
| 1000uL/1250uL pipette tips | Without wafer |        |          | E-ER-C  | 50 PCS/Case | 70               | 37   | 50 | 9.16              |
| 10uL pipette tips          | With wafer    | Red    | PC       | E-WRC-A | 50 PCS/Case | 37.5             | 31.7 | 54 | 9.95              |
| 10uL pipette tips          | Without wafer |        |          | E-RC-A  | 50 PCS/Case | 37.5             | 31.7 | 54 | 9.50              |
| 200uL/300uL pipette tips   | With wafer    | Yellow | PC       | E-WRC-B | 50 PCS/Case | 45               | 31.7 | 54 | 11.15             |
| 200uL/300uL pipette tips   | Without wafer |        |          | E-RC-B  | 50 PCS/Case | 45               | 31.7 | 54 | 10.35             |
| 1000uL/1250uL pipette tips | With wafer    | Blue   | PC       | E-WRC-C | 50 PCS/Case | 70               | 37   | 50 | 14.20             |
| 1000uL/1250uL pipette tips | Without wafer |        |          | E-RC-C  | 50 PCS/Case | 70               | 37   | 50 | 13.90             |

How to resue empty rack with Ecolayer?



# Single Wafer Refill Pack

- User-friendly and effortless to load.
- Ensured sterilized packaging to maintain purity and prevent cross-contamination.
- A new eco-friendly solution: save on plastic by reusing pipette tip racks, and save expenses in the lab too.



# Autoclave Test

Testing Date: 14 May 2025

This test was performed using a steam autoclave set to 121 °C and approximately 1.1 bar (15 psi). E200 polypropylene racks were autoclaved for 20 minutes and 60 minutes respectively. After sterilisation, the racks were cooled to room temperature, and the length and width of the rack bottom and wafer were measured and compared with pre-sterilisation values.

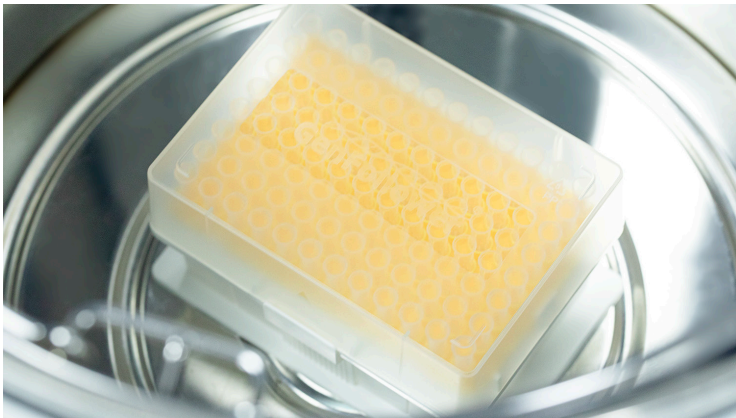


**Table 1. Dimension Comparison Before and After Autoclaving (121 °C, 20 min)**

Red values indicate post-autoclaving measurements;  
Δ = after – before

| Component   | Direction | Before (mm) | After (mm) | Change Δ (mm) |
|-------------|-----------|-------------|------------|---------------|
| Rack bottom | Length    | 127.66      | 127.16     | -0.50         |
| "           | Width     | 85.30       | 85.00      | -0.30         |
| Wafer       | Length    | 110.94      | 110.62     | -0.32         |
| "           | Width     | 73.91       | 73.70      | -0.21         |

# How to Use Single Wafer Refill Pack ?



1

Unwrap the single wafer refill and grab an empty tip rack without the lid.

2

Put the refill pack on the rack and press down to attach the pipette tips securely.

3

Remove the refill pack once the tips are in place.

4

Cover the rack with its lid and close it up, all set for the next use!

| Component   | Direction | Before (mm) | After (mm) | Change Δ (mm) |
|-------------|-----------|-------------|------------|---------------|
| Rack bottom | Length    | 127.64      | 127.02     | -0.62         |
| "           | Width     | 85.34       | 84.90      | -0.44         |
| Wafer       | Length    | 110.85      | 110.55     | -0.30         |
| "           | Width     | 74.01       | 73.76      | -0.25         |

**Table 2. Dimension Comparison Before and After Autoclaving (121 °C, 60 min)**

Red values indicate post-autoclaving measurements;  
Δ = after – before

## Conclusion

Under autoclave conditions of 121 °C and 1.1 bar (20 min and 60 min), the E200 pipette tip rack showed the following dimensional changes:

- 20 min:
- Max change: 0.50 mm (rack bottom length: 127.66 → 127.16 mm)
  - Relative change: approx. 0.39 %
- 60 min:
- Max change: 0.62 mm (rack bottom length: 127.64 → 127.02 mm)
  - Relative change: approx. 0.49 %

In both cases, all dimensional changes were within ±1 mm and within ±1 %. The 20 min result also meets the stricter ±0.5 mm (≈0.5 %) standard. Overall, the E200 rack showed excellent dimensional stability, indicating it is well-suited for standard autoclave sterilisation.

## E series refill system packaing compared to others

0.55kg



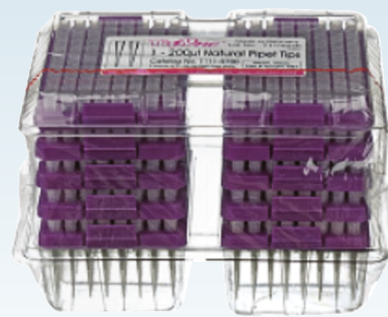
GenFollower  
**55.5% packaging,**  
**44.5% usable product**

0.84kg



Other's  
**68.1% packaging,**  
**31.9% usable product**

0.65kg



Other's  
**59.0% packaging,**  
**41.0% usable product**

0.73kg



Other's  
**63.4% packaging,**  
**36.6% usable product**

0.56kg



Other's  
**52.0% packaging,**  
**48.0% usable product**

\* This product is tested on samples taken from the production batch.