

# epT.I.P.S.<sup>®</sup>

## Description

For epT.I.P.S. – the original Eppendorf „Totally Integrated Pipetting System“ – the tips are optimally coordinated to Eppendorf pipettes and, of course, meet EN ISO 8655 requirements. This has resulted in minimal attachment and ejection forces with the highest level of tightness. epT.I.P.S. pipette tips can be used with pipettes from other manufacturers. Optimal wetting properties, high transparency and special, certified purity grades are the visible expression of our product and production philosophy.

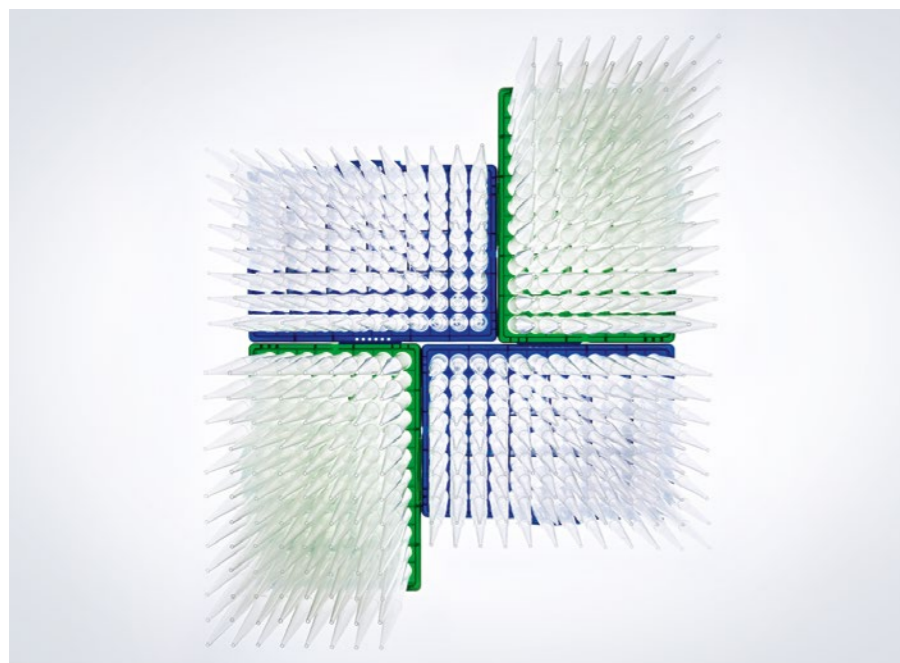


## Product features

- > The ergonomically optimized cone geometry provides the optimal pipette fit on the Eppendorf pipette
- > epT.I.P.S. pipette tips can be used universally, including pipette models from other manufacturers
- > Fine graduations make visual checks of the pipetting volume even easier
- > Long, narrow tips reach the base of narrow and high vessels without touching the top of the vessel edge
- > Fine retracted or extended tips simplify work with small volumes
- > Available in purity grades of: Eppendorf Quality, PCR clean, Biopur<sup>®</sup>
- > Color-coded trays make volume identification and allocation of Eppendorf pipettes easier than ever
- > Also available for 16- and 24-channel pipettes

## Applications

- > Pipetting liquids
- > Dispensing liquids
- > Mixing liquids
- > Filling plates and reaction vessels
- > Filling gels for electrophoresis
- > Phase extraction and removal of supernatants
- > For applications in 384-microplate format we recommend using 16- or 24-channel pipettes together with epT.I.P.S. 384



[www.eppendorf.com/appnote354](http://www.eppendorf.com/appnote354)

For more information go to [www.eppendorf.com/epTips](http://www.eppendorf.com/epTips)

Product appearance and specifications are subject to change without notice.



## epT.I.P.S.<sup>®</sup> Standard

- > Original, high-quality Eppendorf pipette tips packaged in resealable bags
- > Available in sizes from 10  $\mu$ L to 10 mL in Eppendorf Quality purity grade
- > epT.I.P.S. Standard 200  $\mu$ L, 300  $\mu$ L and 1,000  $\mu$ L tips are also available color-coded yellow and blue
- > epT.I.P.S. Standard pipette tips can be autoclaved at 121 °C in 20 min.



## epT.I.P.S.<sup>®</sup> Box/epT.I.P.S.<sup>®</sup> Set

- > Contamination-free transfer of trays to stable working box
- > System optimized for use with multi-channel pipettes
- > Color-coded trays for simple identification of tips and pipette
- > Tips can be attached to pipette from refill trays
- > Boxes and trays are autoclavable
- > epT.I.P.S. Box and epT.I.P.S. Set available in Eppendorf Quality

New



## epT.I.P.S.<sup>®</sup> Racks

- > Eppendorf Biopur pipette tips in disposable Racks offer the highest biological purity grade
- > Ensured PCR clean, sterile, pyrogen-, ATP- and DNA-free
- > All pre-sterilized epT.I.P.S. and ep Dualfilter T.I.P.S. variants are available in Racks
- > Sterility packaging is compliant to standards DIN EN ISO 11607 and DIN EN 868-2-10
- > Each production lot of Racks inspected continuously by an independent laboratory
- > Lot-specific certificates available at [www.eppendorf.com/certificates](http://www.eppendorf.com/certificates)
- > Packed in Racks with 384, 96, 48 or 24 tips
- > For use in pharmaceutical and food industry, molecular biology and cell technology



## epT.I.P.S.<sup>®</sup> Singles

- > Eppendorf Biopur pipette tip, individually wrapped
- > Ensured PCR clean, sterile, pyrogen-, ATP- and DNA-free
- > For use in pharmaceutical and food industry, molecular biology and cell technology
- > Batch number and expiration date on each blister package
- > Each production lot inspected continuously by an independent laboratory
- > Lot-specific certificates available at [www.eppendorf.com/certificates](http://www.eppendorf.com/certificates)

epT.I.P.S.<sup>®</sup>**epT.I.P.S.<sup>®</sup> Reloads**

- > Reduced waste as compared with disposable racks
- > The refill trays can be autoclaved up to 121 °C, in packaging and without foil, for subsequent use
- > The refill system, depending on tip size, is packaged as either dual-sided or in stack form
- > Available in purity grades of Eppendorf Quality and PCR clean
- > Color-coded trays for simple volume and pipette identification

## Special Tips

**GELoader<sup>®</sup>**

- > Special tip for gel electrophoresis, loading of polyacrylamide gels
- > Flexible long and narrow tips for handling of smallest volumes
- > GELoader tips and rack autoclavable
- > Highest precision and accuracy when used with Eppendorf pipettes for 0.5 to 10 µL (gray control button)

**Microloader<sup>™</sup>**

- > Extremely long, fine and flexible tip for filling of microcapillaries for microinjection and where additional reach is needed
- > Microloader tips and rack autoclavable
- > Highest precision and accuracy when used with Eppendorf pipettes for 0.5 to 10 µL (gray control button)

➤ Ordering information see page 63

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epT.I.P.S.<sup>®</sup> 384**T.I.P.S. 384 with SOFTattach technology for 16 and 24-channel pipettes**

For the first time, micropipette tips have elastic forming grooves. They allow the tips to stretch as much as necessary to enable a perfect seal while operating forces are reduced to a minimum. Your benefits of using this perfectly coordinated system of pipette and tip are outstanding and reliable tip fit and tightness combined with reduced tip attachment and ejection forces. It couldn't be easier to perfectly hit all 384 wells as the new micropipette tips have an extremely fine tip shape, and an extraordinary coaxiality which enables a perfect tip alignment.

**Product features**

- > Designed for a cone distance of 4.5 mm
- > epT.I.P.S. 384 pipette tips build a system together with the Research plus and Xplorer plus 16 and 24-channel pipettes for utmost safety and reliability
- > Innovative SOFTattach technology allows for reliable tip fit and tightness
- > Fill a whole 384-well plate without loosening pipette tips
- > Perfect tip alignment by extraordinary coaxiality for safe plate maneuvering and liquid transfer
- > The tip shape of the epT.I.P.S. 384 is adjusted to perfectly fit the wells of 384-well plates
- > Tip attachment forces reduced by 40 % per cone compared to 8 and 12-channel pipettes
- > Tip ejection forces reduced by SOFTattach for ergonomic working conditions
- > Available as reload, and set
- > Available in purity grades: Eppendorf Quality and PCR clean

**Applications**

- > Biochemical assays
- > Cell based assays
- > Immunoassays
- > Storage of biological samples or chemical compounds
- > Nucleic acid based methods
  - > Amplification
  - > Loading of agarose gels
  - > Purification
  - > Quantification
  - > Sequencing

**The elastic forming grooves**

as soon as the tips are attached, they adapt perfectly to the shape of the tip cone. This SOFTattach technology allows the user to achieve perfect tip tightness and safety.