

Instructions for use

ep Dualfilter T.I.P.S.[®] SealMax – EU IVD

English (EN)

1 Product description

The pipette tips are single-use pipette tips for aspirating and dispensing liquids with air cushion pipettes. The packing of the pipette tips is color-coded and corresponds to the color of the control button of the respective Eppendorf pipette. The pipette tips are equipped with water-impermeable, two-phase filters. The filter protects the pipette from aerosols, liquid drops and splashes and prevents over-pipetting of liquids. If liquids with low water concentration and liquids with high salt concentration are used, the function of the filter is reduced.

2 Materials



NOTICE! Aggressive substances may damage components, consumables and accessories.

- ▶ Check the chemical resistance before using organic solvents or aggressive chemicals.
- ▶ Only use liquids whose vapors do not attack the materials used.

Component	Material
Pipette tip	Polypropylene (PP)
Rack	Polypropylene (PP)

3 Warnings for intended use



WARNING! Damage to health due to toxic, radioactive or aggressive chemicals.

- ▶ Wear your personal protective equipment.
- ▶ Observe the national regulations for handling these substances.
- ▶ Observe the material safety data sheets and manufacturer's application notes.



NOTICE! Carry-over, contamination and incorrect dispensing results due to the incorrect use of pipette tips.

The pipette tips are for single use only. Prolonged use can have a negative impact on dispensing tasks.

- ▶ Only use the pipette tips once.
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4 Intended use


The pipette tips of the ep Dualfilter T.I.P.S. SealMax product group with the respective product numbers are designed and constructed for low-contamination transfer of liquids, in particular for samples from the human body and for reagents within the scope of an in-vitro diagnostic application in order to allow the in-vitro diagnostic medical device to be used as intended. The above mentioned ep Dualfilter T.I.P.S. SealMax are in-vitro diagnostic devices according to Directive 98/79/EC of the European Parliament and the Council dated October 27, 1998. They are intended exclusively for single use and for application by qualified staff.

5 Operation

Observe the descriptions in the operating manual of the pipette used.

-  Use optically perfect and undamaged pipette tips only. If the packing is damaged, do not use the pipette tips.
-  Do not use filter tips without a filter or with an incorrectly inserted filter. Do not suck liquid into the filter.

6 Autoclaving pipette tips

-  The pipette tips are not autoclavable.

7 Transport, storage and disposal

7.1 Transport

	Air temperature	Relative humidity	Atmospheric pressure
In transport packing	-25 °C – 55 °C	10 % – 95 %	70 kPa – 106 kPa



7.2 Storage

Store dry at room temperature. Protect from sunlight and UV rays.

7.3 Disposal

Dispose of the packing in accordance with the marking and comply with the legal regulations.

8 Purity grades and certificates
8.1 Eppendorf purity grades

	Sterile + PCR clean
	 
Batch testing (certified) for the following purity criteria	
Human DNA-free	■
DNA-free (free of human and bacterial DNA)	
DNase-free	■
RNase-free	■
PCR inhibitor-free	■
ATP-free	
Pyrogen-free (endotoxin-free)	■
Sterile (Ph.Eur./USP)	■
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8.2 Certificates

There are two different categories of certificates for Eppendorf Liquid Handling consumables:

Batch-specific certificates are prepared for the following purity grades:

- PCR clean
- PCR clean and Sterile

General certificates of conformity:

- Certificate of conformity for products with the purity grade PCR clean (Certificate of Purity – PCR clean).
- Certificate of conformity regarding trace metal (Certificate of Quality – epT.I.P.S. – Typical values for trace metal).
- Certificate of conformity regarding surface active additives (Certificate of Quality epT.I.P.S. and ep Dualfilter T.I.P.S. Quality Assurance).
- CE conformity (Certificate of EC Conformity Declaration – epT.I.P.S.).
- Certificate of conformity regarding the material composition and adherence to the error of measurement of pipette tips (Certificate of Quality/Conformity – epT.I.P.S. Dualfilter, LoRetention, SealMax).
- Certificate of conformity regarding the plastic granulates used (Certificate of Quality/Conformity – Laboratory Consumables).
- Certificate of conformity regarding the filters used (Certificate of Quality/Conformity – ep Dualfilter T.I.P.S. – EPA/HEPA).

All certificates can be downloaded from our website www.eppendorf.com/certificates.



Eppendorf AG
Barkhausenweg 1
22339 Hamburg
Germany

Your local distributor: www.eppendorf.com/contact
eppendorf@eppendorf.com · www.eppendorf.com