

OUR PRODUCTS

- TISSUE CULTURE
- LIQUID HANDLING**
- SEPARATION TECHNOLOGY

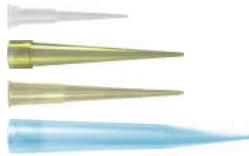
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Universal TIPS & Filter Tips

MicroPipettor Tips



**DNase and
RNase free
Non pyrogenic**

Key Features

- Minimal liquid retention. Ultra Low Retention (ULR) tips assure even less liquid retention. ULR tips reduce the tip retention by nearly 85 % and decreases the standard deviation of the retained volume by more than 75%.
- Fit a wide variety of micropipettors and multichannels micropipettors.
- Universal grip design, using flexible materials with a series of bands and supports producing a positive seal.
- Orange Scientific tips have thin walls and a small surface area at the tip orifice, greatly minimising the possibility of the tip retaining sample droplets. In addition, the small surface area reduces the touch-off angle between the outer tip wall and the receiving sample tube. This reduced touch-off angle virtually eliminates the potential of capillary retention between the tip orifice and tube wall. Each of our tips is moulded to give a flash-free and uniform delivery orifice for consistent accuracy and reproducible sample delivery.
- All tips are provided with calibration lines at specific volumes, acting as visual checks to minimise any risk of errors during sample aspiration.
- Made of high quality, low adhesion, polypropylene.
- Production complies with EN ISO standard 8655 and DIN 12650, controlled according to DIN 12600.
- Autoclavable at 121°C for 15 minutes.
- All tips are certified DNase and RNase free. Sterile tips are subjected to LAL testing to ensure they are non pyrogenic.

Unique Long 1000µl Tips

Usual 1000µl tips are wide and short. They do not even reach the bottom of narrow vials. Orange Scientific features a special long 1000µl which reaches the bottom of the even narrowest vials. MicroPipettor Filter-Tips



**DNase and RNase free
Non pyrogenic**

Key Features

- Latest micropore technology ensures that all aerosols and liquids are prevented from entering the micropipettor. This technology eliminates the need for additives such as Sodium, found in self-sealing type filters (which also have the disadvantage of trapping samples in the tip once the filter has been sealed). Thus, cross contamination is prevented.
- Virgin Polyethylene filters without additives (a potential source of contamination).
- Micropore technology ensures that the filters will never trap samples in the tip. Should the filter become wet due to inadvertent over-pipetting, it will act as a barrier to the passage of liquid, yet the sample in the tip may still be dispensed in the normal way, and can be re-used without fear of contamination. **All filter tips are metal free.**
- The angle between the beveled filter tips and the receiving vessel reduces the area surface of the tip touching the vessel. This angle combined with an ultra-thin orifice reduces the effect of liquid samples creeping up the side of the tip (capillary effect). By reducing this capillary effect, Orange Scientific tips and filter tips **dispense accurate volumes.**
- The PCR-Filter tips (0.1-10 µl) are specially engineered for PCR multiplication/ techniques, and provide the researcher with the confidence that the entire amount of enzymes or DNA will be captured for testing purposes and reliable results. Ordinary filter tips do not offer this feature.
- Use of 100 % pure virgin Polypropylene.
- New manufacturing process without the use of inconsistent processes such as adding silicone.
- Production complies with EN ISO standard 8655 and DIN 12650, controlled according to DIN 12600.
- All tips are certified DNase and RNase free. Sterile tips are subjected to LAL testing to ensure they are non pyrogenic.
- Available in bulk or in refillable racks. The racks feature a hinged lid that opens at 120° for easy micropipettor access, and are autoclavable.



PCR Filter Tips 96 Tips Rack

CATALOGUE #	Description	Sterile	Colour	Packaging	Bags/Case, Racks/Case
2501000	Tip 0.1-10µl	No	Clear	1000 / bag	20
2501010	Tip 0.1-10µl	Yes	Clear	96-tip rack	10
2501040	Tip 1-200µl, Graduated, Bevelled	No	Yellow	1000 / bag	35

2801042	Tip 1-200µl	No	Yellow	1000 / bag	25
2501055	Tip 1-200µl, Graduated, Bevelled	Yes	Clear	96-tip rack	10
2801085	Tip 100-1000µl	No	Blue	1000 / bag	20
2501100	Tip 100-1000µl	Yes	Clear	96-tip rack	10
3550105	Tip 1000-5000µl	No	Clear	250 / bag	1
3556420	Tip 10.000µl	No	Clear	200 / bag	1
2502000	Filter Tip 0.1-10µl	Yes	Clear	96-tip rack	10
2502010	Filter Tip 1-20µl	Yes	Clear	96-tip rack	10
2502025	Filter Tip 1-100µl	Yes	Clear	96-tip rack	10
2502030	Filter Tip 1-200µl	Yes	Clear	96-tip rack	10
2502040	Filter Tip 100-1000µl	Yes	Clear	96-tip rack	10
2507000	Ultra Low Retention Filter Tip 0,1-10µl	Yes	Clear	96-tip rack	10
2507030	Ultra Low Retention Filter Tip 1-200µl	Yes	Clear	96-tip rack	10
2507040	Ultra Low Retention Filter Tip 100-1000µl	Yes	Clear	96-tip rack	10

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