

The first class tip concept!



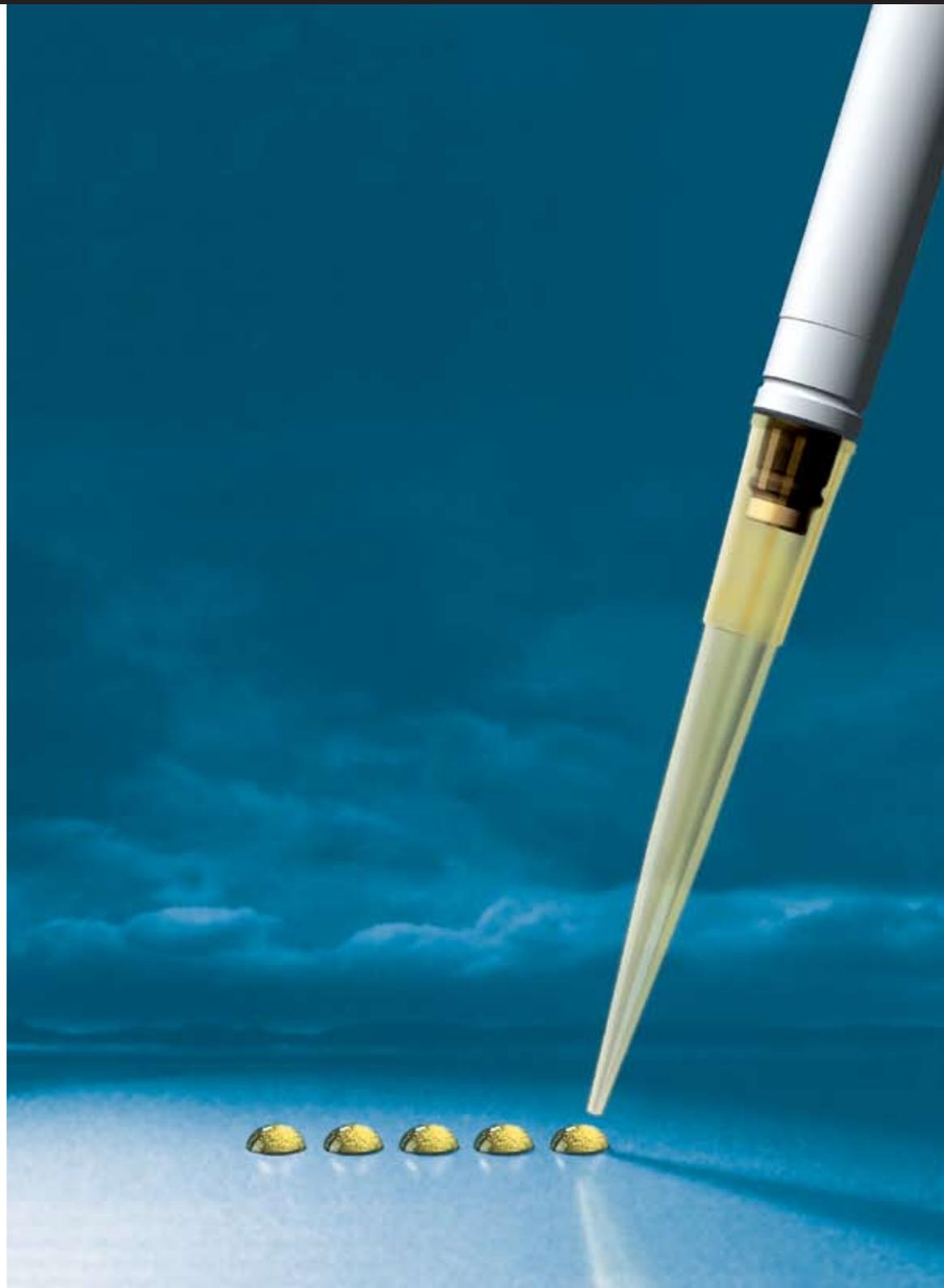
# Pipette Tips Filter Tips

H I G H - T E C H P R O D U C T I O N · B R A N D

Pipettes and tips in combination form a high-precision system. The result will only be precise if both components are of highest quality. BRAND has long-standing experience as a manufacturer of both system components, and uses that experience to design pipettes and tips that make a difference in your work.

PLASTIBRAND® pipette tips and filter tips are manufactured and racked with a minimum of human contact under cleanroom conditions at BRAND's state-of-the-art facility. This ensures consistently high tip quality.

- High-purity polypropylene types
- Manufactured without lubricants
- Cadmium-free pigments
- Autoclavable at 121 °C (250 °F) (20 min)
- Environmentally friendly packaging systems
- CE-marked according to IVD-Directive 98/79 EC



# Pipette Tips

## 0.1 - 20 µl nano-cap™

The nano-cap™ tip was specially developed for the nanoliter range and hence is ideal for molecular biological applications such as PCR. It is 37 mm long, and features a capillary rise that is even visible to the naked eye at 0.1 µl. The capillary part of the tip conveniently fills gel wells for gel electrophoresis systems from most manufacturers. Suitable for pipettes up to 20 µl.

## 0.5 - 20 µl

The slender design and 46 mm length allow pipetting in microtubes and microplates without touching the walls. The tip is graduated at 2 µl and 10 µl for quick volume check.

## 2 - 200 µl

A tested and proven universal tip! It is 50 mm long and can be used for virtually all pipettes with yellow color code. Bulk tips are yellow colored. The racked tips are colorless and placed into a yellow-colored tip tray.

## 5 - 300 µl

The tip is suitable for reverse pipetting. It is 52 mm long and can also be used for pipettes with yellow color code. It is particularly suited for working with multichannel pipettes.

## 50 - 1000 µl

Proven universal tip for routine laboratory and research pipetting! Its length is 70 mm. Bulk tips are blue colored. The racked tips are colorless and placed into a blue-colored tip tray.

## 50 - 1250 µl

This tip is ideal for pipetting from narrow vessels and for reverse pipetting owing to its 82 mm long and slender form. The graduations at 250, 500 and 1000 µl allows quick volume check. The racked tips are colorless and placed into an orange-colored tip tray.

## 0.5 - 5 ml

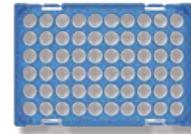
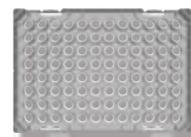


Particularly slender form of 160 mm length and approx. 9.6 mm diameter! This allows pipetting even from narrow volume measuring equipment such as volumetric flasks with NS 12/21.

## 1 - 10 ml



156.5 mm length and approx. 15 mm diameter! Ideal for working with the Transferpette® S 10 ml. Compatible with Eppendorf® and Gilson® systems.



# Filter Tips



## Non-self sealing Filter tips PLASTIBRAND®

Filter tips protect the pipette shafts from contamination, and thus lessen the risk of cross-contamination and faulty measuring results. The integrated hydrophobic polyethylene-filter serves as a barrier against aerosols formed during pipetting.

Filter tips are especially suited for working with PCR techniques, and fully meet the requirements for microbiology and radio-isotope work. PLASTIBRAND® filter tips are produced from colorless granules under the most stringent cleanroom conditions and are automatically racked. They are autoclavable at 121 °C (20 min).

## Self-sealing or non-self-sealing?

### The disadvantages of self-sealing filter tips

Self-sealing filter tips have a PE filter that swells through possible additives on contact with liquids. This causes development of a barrier that should not let any liquid pass. Since this behavior is only initiated by diffusing liquids, a considerable part of the sample is already in the filter and cannot be recovered. This is certainly a considerable disadvantage, especially with expensive, laboriously-produced samples. In addition, additives in the polyethylene filter can contaminate the sample.

### The advantages of non-self sealing filter tips

Non-self-sealing filter tips have a polyethylene filter that is free from chemical additives. The combination of pore diameter and filter length prevents the passage of aerosols to the tip shaft. On the other hand, liquids can pass very slowly should it accidentally contact the filter. Since the filter does not swell, the sample can be recovered from the filter by simply actuating the pipette's blow-out function, or by centrifugation if necessary. This is clearly an important advantage of non-self-sealing filters, especially when working with valuable samples. As an added advantage, the absence of filter additives protects samples from this source of contamination.



0.5 - 10 µl



2 - 20 µl



5 - 100 µl



5 - 200 µl



50 - 1000 µl



# Various Applications – Various Packaging

## in bulk



### In bags

All tips and filter tips are produced under the latest state-of-the-art clean room conditions and automatically shrink-wrapped in bags and packaged in cardboard boxes, without human contact.

## racked/non-sterile



### Tip-Rack + Tip-Set

Two individual refill units (racks) are packed countered into a space-saving carton. Refill units (Tip-Rack) that include a Tip-Box are called a Tip-Set.



### Tip-Box N

Polypropylene box with push-on lid. Available in two different heights. Low form for 96 tips up to 300  $\mu$ l, high form for 100 tips with 1000  $\mu$ l or 1250  $\mu$ l. Stackable and repeatedly autoclavable at 121  $^{\circ}$ C / 250  $^{\circ}$ F ( $t_e$  20 min).



### Tip-Stack™ for 2 - 200 $\mu$ l pipette tips

Space-saving, environmentally compatible refill system for Tip-Box N and Tip-Box SL. 10 stacked 96 tip trays with 2 - 200  $\mu$ l tips = 960 tips; one Tip-Box N included.



### Tip-Box SL

Innovative, convenient, polycarbonate box with slide & swing lid. Keeps unused tips covered while working with single channel and multichannel pipettes. Not stackable. Autoclavable at 121  $^{\circ}$ C ( $t_e$  20 min).

## racked/sterile **BIO-CERT®**

Pipette tips and filter tips are produced under state-of-the-art cleanroom conditions and automatically racked without human contact. Sterilization is carried out with  $\beta$  radiation and complies with ISO 11 137 and the AAMI guidelines. A SAL of  $10^{-6}$  is obtained. The sterility corresponds to the requirements of the Ph. Eur. and USP 29. The endotoxin concentrations is below 0.01 I.U./ml. BIO-CERT® products are free from DNA, RNase and ATP. Quality control is made at an independent, accredited test laboratory. A batch-related certificate will be provided.



### Tip-Rack S + Tip-Set S

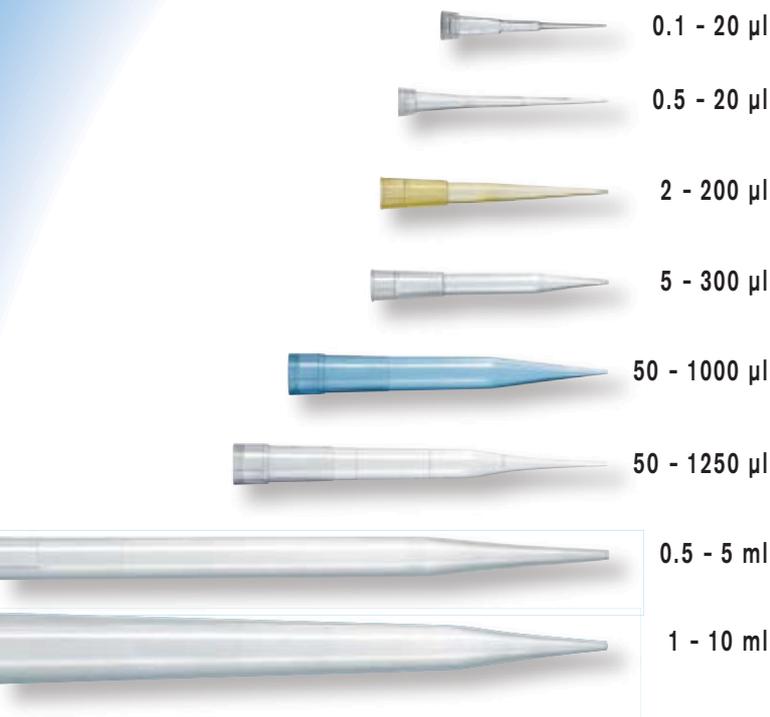
Suitable for the autoclaved Tip-Box SL or Tip-Box N. BIO-CERT® refill unit, protected in an environmentally compatible packaging from recyclable PET. Refill units (Tip-Rack S) that include a Tip-Box are called a Tip-Set S.



### Tip-Box N sterile

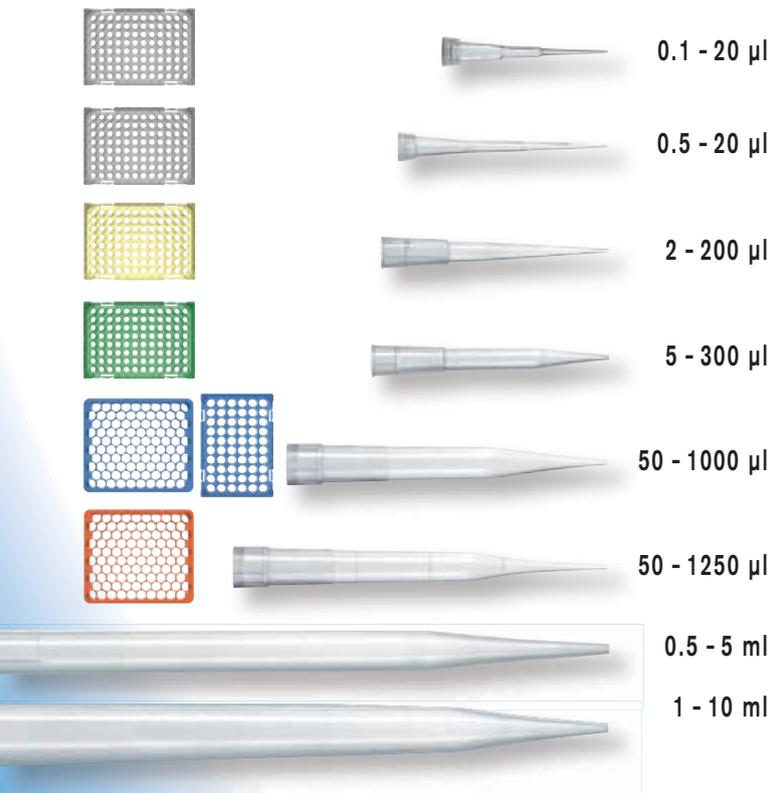
Polypropylene box with push-on lid. Available in 2 different heights. Low form for 96 tips up to 300  $\mu$ l, high form for 100 tips with 1000  $\mu$ l or 1250  $\mu$ l. Stackable and repeatedly autoclavable at 121  $^{\circ}$ C / 250  $^{\circ}$ F ( $t_e$  20 min). Boxes individually packed in bag with perforation.

## Pipette tips, bulk, non-sterile



Quantity	Packing unit	Cat. No.
2000	2 bags (1000 each)	7025 04
2000	2 bags (1000 each)	7025 26
10000	10 bags (1000 each)	7025 65
1000	1 bag (1000 each)	7025 16
10000	10 bags (1000 each)	7025 56
1000	1 bag (1000 each)	7025 33
10000	10 bags (1000 each)	7025 68
1000	2 bags (500 each)	7025 21
5000	10 bags (500 each)	7025 61
1000	2 bags (500 each)	7025 81
4000	8 bags (500 each)	7025 84
200	1 bag (200 each)	7025 95
1000	5 bags (200 each)	7026 00
200	2 bags (100 each)	7026 03
1000	10 bags (100 each)	7026 04

## Pipette tips, racked, non-sterile



Type	Quantity	Packing unit	Cat. No.
Tip-Rack	960	10 racks (96 each)	7023 12
Tip-Set	480	5 racks (96 each) + 1 box	7023 04
Tip-Rack	960	10 racks (96 each)	7023 50
Tip-Set	480	5 racks (96 each) + 1 box	7023 45
Tip-Rack	960	10 racks (96 each)	7023 15
Tip-Set	480	5 racks (96 each) + 1 box	7023 05
Tip-Stack™	960	10 racks (96 each) + 1 box	7024 05
Tip-Rack	960	10 racks (96 each)	7023 53
Tip-Set	480	5 racks (96 each) + 1 box	7023 41
Tip-Rack 1*	960	16 racks (60 each)	7023 20
Tip-Rack 2	1000	10 racks (100 each)	7023 22
Tip-Set	500	5 racks (100 each) + 1 box	7023 13
Tip-Rack	1000	10 racks (100 each)	7023 24
Tip-Set	500	5 racks (100 each) + 1 box	7023 14
Tip-Box 5 ml	28	1 Box (28 each)	7026 05
Tip-Box 10 ml	18	1 Box (18 each)	7026 08

\* also suitable for Tip-Box SL

## Pipette tips, racked in boxes, non-sterile



**Tip-Box N, non-sterile.** Packing unit 5 boxes.

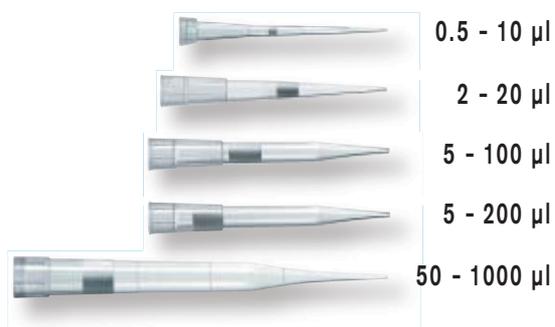
Pipette tips	No. of tips	Cat. No.
0.1 - 20 µl	5 x 96 (480)	7024 08
0.5 - 20 µl	5 x 96 (480)	7024 11
2 - 200 µl	5 x 96 (480)	7024 13
5 - 300 µl	5 x 96 (480)	7024 15
50 - 1000 µl	5 x 100 (500)	7024 14
50 - 1250 µl	5 x 100 (500)	7024 18



**Tip-Box SL, non-sterile.** Packing unit 1 box.

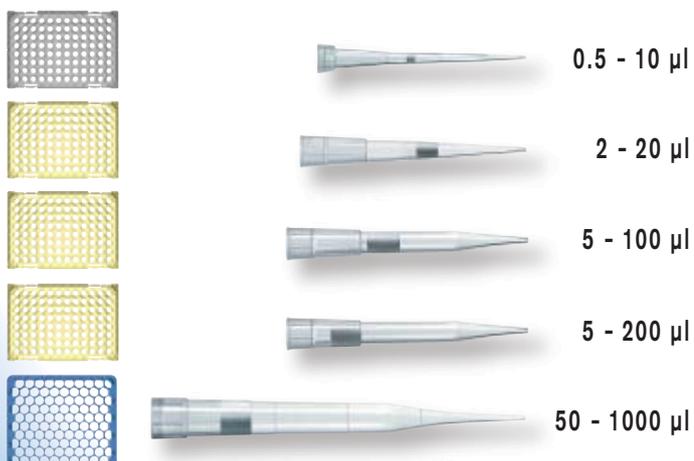
Pipette tips	No. of tips	Cat. No.
0.1 - 20 µl	1 x 96	7022 02
0.5 - 20 µl	1 x 96	7022 04
2 - 200 µl	1 x 96	7022 06
5 - 300 µl	1 x 96	7022 08
50 - 1000 µl	1 x 60	7022 10
empty	-	7022 00

## Filter tips, bulk, non-sterile



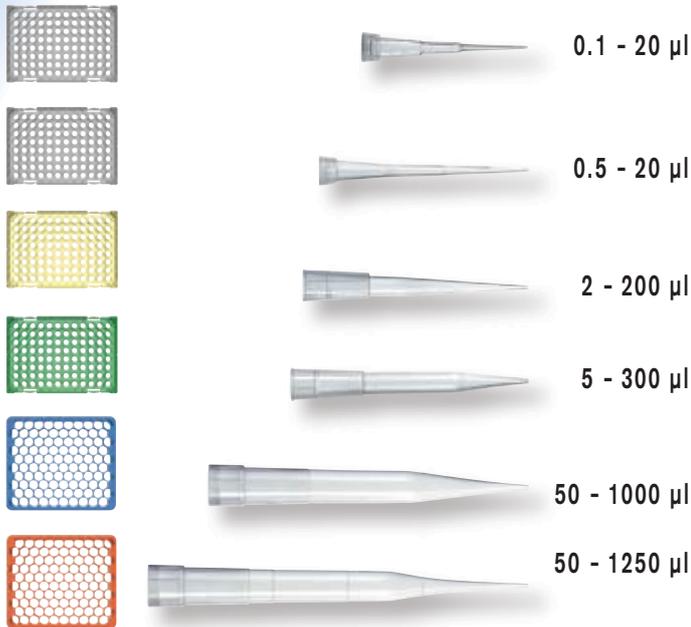
Quantity	Packing unit	Cat. No.
960	1 bag of 960	7021 00
960	1 bag of 960	7021 02
960	1 bag of 960	7021 04
960	1 bag of 960	7021 06
1000	1 bag of 1000	7021 08

## Filter tips, racked, non-sterile



Type	Quantity	Packing unit	Cat. No.
Tip-Rack	960	10 racks (96 each)	7023 55
Tip-Rack	960	10 racks (96 each)	7023 57
Tip-Rack	960	10 racks (96 each)	7023 59
Tip-Rack	960	10 racks (96 each)	7023 61
Tip-Rack	1000	10 racks (100 each)	7023 65

## Pipette tips, racked, sterile **BIO-CERT\***



Type	Quantity	Packing unit	Cat. No.
Tip-Rack S	960	10 racks (96 each)	7024 28
Tip-Set S	480	5 racks (96 each) + 1 box	7024 19
Tip-Box N sterile	960	10 boxes (96 each)	7024 40
Tip-Rack S	960	10 racks (96 each)	7024 31
Tip-Set S	480	5 racks (96 each) + 1 box	7024 21
Tip-Box N sterile	960	10 boxes (96 each)	7024 42
Tip-Rack S	960	10 racks (96 each)	7024 33
Tip-Set S	480	5 racks (96 each) + 1 box	7024 23
Tip-Box N sterile	960	10 boxes (96 each)	7024 44
Tip-Rack S	960	10 racks (96 each)	7024 35
Tip-Set S	480	5 racks (96 each) + 1 box	7024 25
Tip-Box N sterile	960	10 boxes (96 each)	7024 46
Tip-Box N sterile	1000	10 boxes (100 each)	7024 48
Tip-Box N sterile	1000	10 boxes (100 each)	7024 50

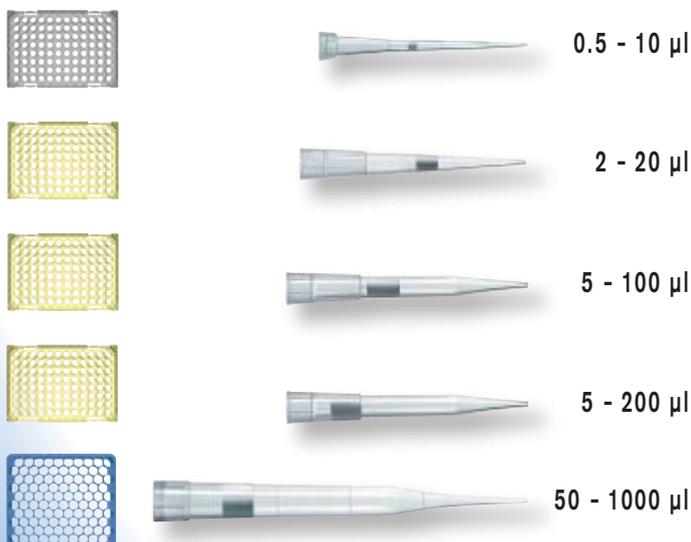
### Note:

Pipette tips and filter tips in 100-tip trays only fit in the corresponding Tip-Box N!



**Tip-Box N, sterile**

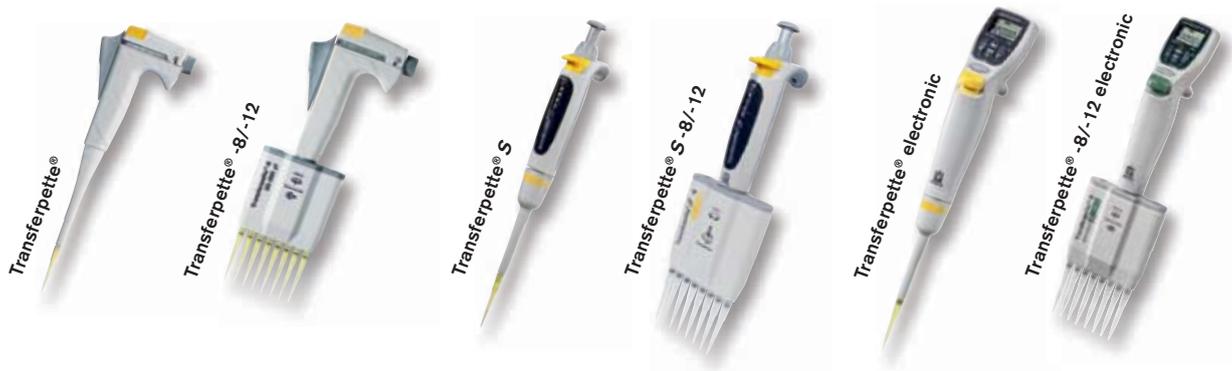
## Filter tips, racked, sterile **BIO-CERT\***



Type	Quantity	Packing unit	Cat. No.
Tip-Rack S	960	10 racks (96 each)	7021 40
Tip-Set S	480	5 racks (96 each) + 1 box	7021 20
Tip-Box N sterile	960	10 boxes (96 each)	7021 60
Tip-Rack S	960	10 racks (96 each)	7021 42
Tip-Set S	480	5 racks (96 each) + 1 box	7021 22
Tip-Box N sterile	960	10 boxes (96 each)	7021 62
Tip-Rack S	960	10 racks (96 each)	7021 44
Tip-Set S	480	5 racks (96 each) + 1 box	7021 24
Tip-Box N sterile	960	10 boxes (96 each)	7021 64
Tip-Rack S	960	10 racks (96 each)	7021 46
Tip-Set S	480	5 racks (96 each) + 1 box	7021 26
Tip-Box N sterile	960	10 boxes (96 each)	7021 66
Tip-Box N sterile	1000	10 boxes (100 each)	7021 68

# The right pipette tip for your Transferpette®

Optimum results are achieved in combination with the Transferpette®. PLASTIBRAND® quality tips seat perfectly for precise analyses.



PLASTIBRAND® pipette tips are tested for BRAND and most of the pipette types of Gilson®, Thermo Electron (Finnpipette®), Eppendorf® and Biohit. The 5 ml tip is exclusively tested for BRAND and Thermo Electron (Finnpipette®). The 10 ml tip is suitable for BRAND, Eppendorf® and Gilson®.

Pipette tips/ Filter tips Volume range	Transferpette® Single-Channel Pipettes*										Transferpette®-8/-12 Multi-Channel Pipettes*							
	Nominal volumen										Nominal volumen							
	1 µl	10 µl	20 µl	20 µl**	50 µl	100 µl	200 µl	250 µl	1000 µl	5 ml	10 ml	10 µl	20 µl	25 µl	50 µl	100 µl	200 µl	300 µl
0.1 - 20 µl	✓	✓	✓									✓	✓					
0.5 - 20 µl		✓	✓									✓	✓					
2 - 200 µl				✓	✓	✓	✓							✓	✓	✓	✓	✓
5 - 300 µl				✓	✓	✓	✓							✓	✓	✓	✓	✓
50 - 1000 µl								✓	✓									
50 - 1250 µl								✓	✓									
0.5 - 5 ml										✓								
1 - 10 ml											✓							
0.5 - 10 µl		✓	✓									✓	✓					
2 - 20 µl				✓	✓	✓	✓							✓	✓	✓	✓	✓
5 - 100 µl				✓	✓	✓	✓							✓	✓	✓	✓	✓
5 - 200 µl							✓							✓	✓	✓	✓	✓
50 - 1000 µl									✓									

✓ = Tip volume less than pipette's nominal volume

\*) Transferpette® electronic and Transferpette® S-8/-12 are not available in all specified volumes

\*\*) Transferpette® with yellow color code

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