

A Top Tip System!



Pipette Tips and Filter Tips

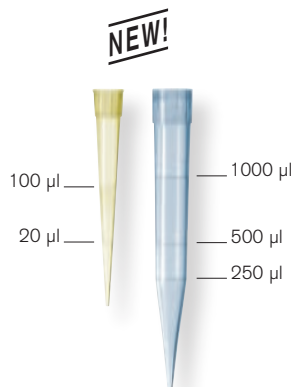
H I G H - T E C H D I S P O S A B L E S

PLASTIBRAND® universal tips and filter tips are a proven standard worldwide.

They are optimized to adapt to specific volumes. The polypropylene used is free from DiHEMA and oleamide, two frequently used additives that affect biological tests and can result in spurious results.

The new 200 μl and 1000 μl tips are now 25% lighter, which significantly reduces the weight of plastic waste.

- Graduations for a quick volume check
- BIO-CERT®: sterile, free of DNA, DNase, RNase, endotoxins and ATP
- Autoclavable at 121 °C
- Environmentally friendly packaging



PLASTIBRAND® Pipette Tips

Graduation



0.1 - 20 µl nano-cap™

37 mm long, specially developed for the nanoliter range. The tip features a capillary rise that is even visible to the naked eye at 0.1 µl. Racked in a grey-colored tip tray.



0.5 - 20 µl

46 mm long. The slender design allows pipetting in microtubes and microplates without touching the walls. The tip is graduated at 2 µl and 10 µl for quick volume check. Racked in a grey-colored tip tray.

NEW!



2 - 200 µl

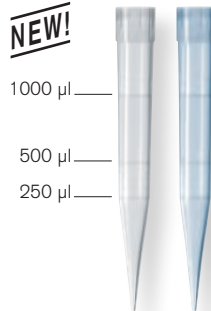
New, lower-weight universal tips! 50 mm long, particularly thin-walled and transparent. Graduations at 20 µl and 100 µl for a quick volume check. Bulk tips are yellow colored, racked tips are colorless in yellow-colored tip tray.



5 - 300 µl (without graduation)

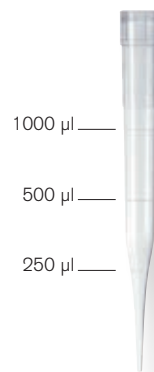
52 mm long, suitable for reverse pipetting. The tip can also be used for pipettes with yellow color code. Racked in green-colored tip tray.

NEW!



50 - 1000 µl

New, lower-weight universal tips! 70 mm long, particularly thin-walled and transparent. Graduations at 250, 500 and 1000 µl for a quick volume check. Bulk tips are blue colored, racked tips are colorless in blue-colored tip tray.



50 - 1250 µl

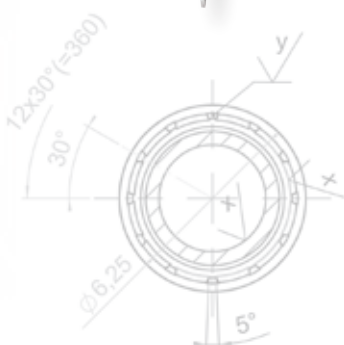
82 mm long, ideal for pipetting from narrow vessels and for reverse pipetting. Graduations at 250, 500 and 1000 µl for quick volume check. Racked in orange-colored tip tray.

0.5 - 5 ml

160 mm long and approx. 9.6 mm diameter, particularly slender shape. Pipetting even from narrow volume measuring equipment such as volumetric flasks with NS 12/21. Suitable for microliter pipette Transferpette®, Transferpette® S and Thermo Fisher Scientific Finnpiette®.

1 - 10 ml

156.5 mm long and approx. 15 mm diameter! Ideal for working with the microliter pipette Transferpette® S 10 ml. Compatible with pipettes from Eppendorf® and Gilson®.



Request your samples
at www.brand.de

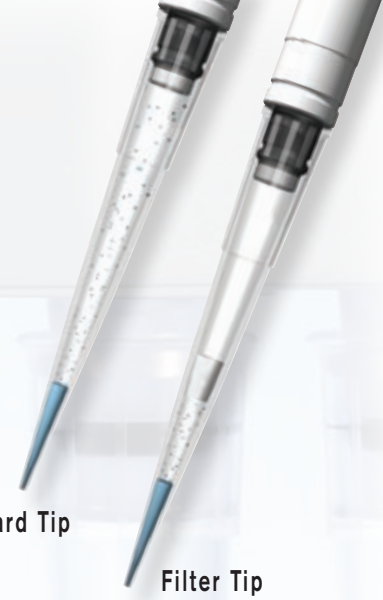
PLASTIBRAND® Filter Tips

non-self-sealing

Filter tips are especially suited for working with PCR techniques, and fully meet the requirements for microbiology and radioisotope work. The integrated hydrophobic polyethylene filter serves as a barrier against aerosols formed during pipetting. Filter tips protect the pipette shafts from contamination, and thus

lessen the risk of cross-contamination and faulty measuring results.

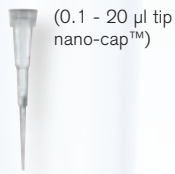
PLASTIBRAND® filter tips are produced from colorless granules under the most stringent cleanroom conditions and are automatically racked. Autoclavable at 121 °C (20 min).



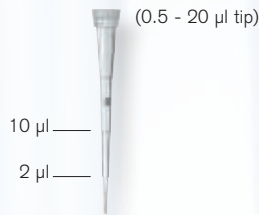
Standard Tip

Filter Tip

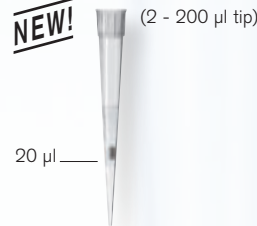
0.1 - 1 µl



0.5 - 10 µl



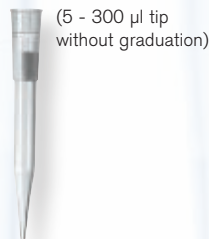
2 - 20 µl



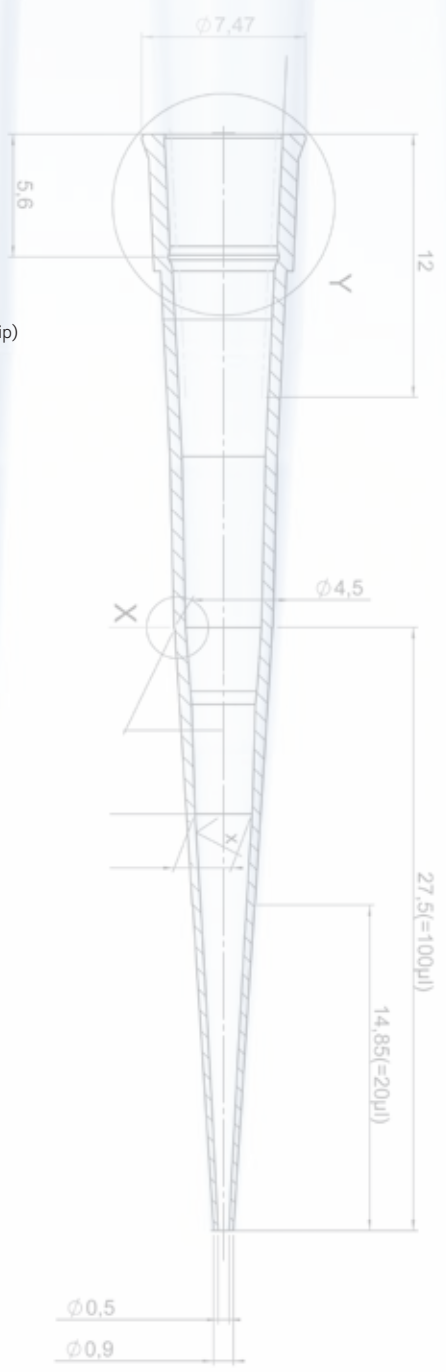
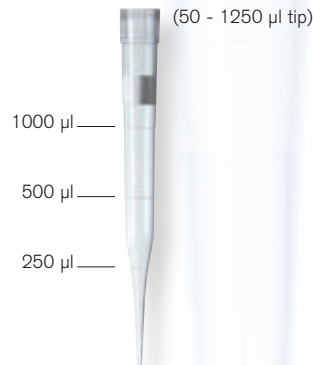
5 - 100 µl



5 - 200 µl



50 - 1000 µl



The advantages of non-self-sealing filter tips

Non-self-sealing filter tips have a PE filter that is free from chemical additives. Permeability is controlled by the combination of pore size and filter length, so that no aerosols can reach the pipette shaft. These filters function with consistent reliability.

On the other hand, liquids can pass very slowly should they 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.

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 clearly a disadvantage with expensive, laboriously produced samples. In addition, additives in the polyethylene filter can contaminate the sample.

Package Types

in bulk



In bags

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. For easy identification, the catalog number, volume range and lot number of the tips are found on every bag.

racked, non-sterile



Tip-Box N

Made of PP. With push-on lid. Stackable and autoclavable at 121 °C (t_e 20 min).

Two different heights:

low form (up to 300 µl):

rack with 96 tips

high form (1000 µl or 1250 µl):

rack with 100 tips



Tip-Box SL

Made of PC. Innovative box with slide & swing lid. For convenient work with single channel and multichannel pipettes. Keeps unused tips covered. Not stackable. Autoclavable at 121 °C (t_e 20 min).



Tip-Box PC

Made of PC. This sturdy box has a sliding lid, can be stacked, and is autoclavable at 121 °C (t_e 20 min).



Tip-Box 5 / 10 ml

Made of PP. With push-on lid. Filled with 5 ml tips (28 tips) or 10 ml tips (18 tips). The box is autoclavable at 121 °C (t_e 20 min).



Tip-Rack

Refill units for Tip-Box N, Tip-Box SL or Tip-Box PC. Two filled tip-trays (racks) are packed into a space-saving carton.

Up to 300 µl:

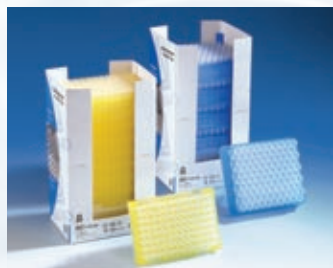
racks with 96 tips each

1000 µl:

racks with 60 or 100 tips each

1250 µl:

racks with 100 tips each



Tip-Stack™

Space-saving, environmentally compatible refill system for Tip-Box N, Tip-Box SL or Tip-Box PC. Stacked racks with Tip-Box N included.

20 µl and 200 µl:

racks with 96 tips each

1000 µl:

racks with 100 tips each

NEW!



Tip-Set

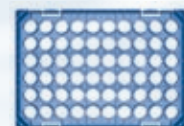
For getting started easily. Combination of 4 loaded tip-trays (2 Tip-Racks) and 1 filled Tip-Box PC (for 1000 µl and 1250 µl 1 filled Tip-Box N).

Tip-trays used (racks)

in Tip-Box N, SL, PC



96-tip rack
(up to 300 µl)



60-tip rack
(1000 µl)

in Tip-Box N, high form



100-tip rack
(1000 µl,
1250 µl)

racked, sterile **BIO-CERT®**



Tip-Box N sterile

Made of PP. With push-on lid. Stackable and autoclavable at 121 °C (t_e 20 min). Boxes individually packed in bag with perforation.

Two different heights:

low form (up to 300 µl):

rack with 96 tips

high form (1000 µl or 1250 µl):

rack with 100 tips



Tip-Rack S

With 1 loaded BIO-CERT® refill unit for the autoclaved Tip-Box N, Tip-Box SL or Tip-Box PC. Protected in an environmentally compatible packaging of recyclable PET.

(Tip-Rack S is only available for volume ranges up to 300 µl.)



Tip-Set S

For getting started easily.

Combination of 4 sterile, loaded tip-trays and 1 sterile, filled Tip-Box N.

(Tip-Set S is only available for volume ranges up to 300 µl.)



PP granules

Sensitive applications, such as enzyme tests, PCR or DNA/RNA purification, require plastic disposable products of the highest quality. Specially selected transparent PP types, **free from the additives di-(2-hydroxyethyl)methyl-dodecylammonium (DIHEMDA) and 9-octadecenamide (oleamide)**, are used for manufacturing the pipette tips.

Both of these additives are frequently found in PP granules, and can interfere with biological tests, leading to spurious results (see last page ¹⁾ for reference).

PLASTIBRAND® tips and filter tips are produced strictly under the most modern cleanroom conditions (ISO 14 644-1 Class 8). BIO-CERT® products undergo stringent additional testing.

What does **BIO-CERT®** quality really mean?

BIO-CERT® products are certified to be:

Sterile

BIO-CERT® products are sterilized according to ISO 11 137 and AAMI guidelines with β-radiation, using a minimum radiation dose of 12.1 kGy. This gives a SAL (sterility assurance level) of 10⁻⁶. The sterility meets USP 29 and Ph. Eur. requirements for sterility.

Free of endotoxins

The endotoxin concentration in BIO-CERT® products is tested by a gel-clotting Limulus Amoebocyte Lysate test. The detection limit is 0.01 EU/ml, providing a documented endotoxin level of less than 1 x 10⁻¹² g/item.

Free of DNA and RNase

BIO-CERT® products are DNA-free (< 4 x 10⁻¹² g/item) to prevent false positive signals during PCR applications. These products are free of RNases (< 8.6 x 10⁻¹⁵ g/item) to prevent degradation of RNA during purification processes.

Free of ATP

BIO-CERT® products are certified to be free of ATP (ATP concentration < 1 x 10⁻¹⁵ g/item) and therefore suitable for ATP detection using bioluminescence-systems.

BIO-CERT® products are supplied with a certificate.

Package Types at a Glance

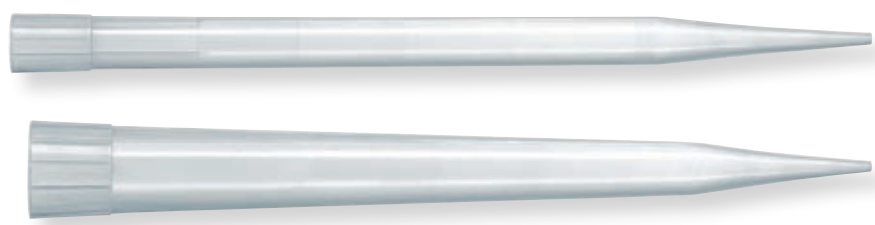
in bulk

racked, non-sterile

		in bags		Tip-Box N		Tip-Box SL		Tip-Rack
		Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity
Pipette Tips	0.1 - 20 µl 	2000 2 bags (1000 each)	7025 04	480 5 boxes (96 each)	7024 08	96 1 box	7022 02	960 10 racks (96 each)
	0.5 - 20 µl 	2000 2 bags (1000 each)	7025 26	480 5 boxes (96 each)	7024 11	96 1 box	7022 04	960 10 racks (96 each)
		10000 10 bags (1000 each)	7025 65					
	NEW! 2 - 200 µl* 	1000, yellow 1 bag (1000 each)	7125 16	480 5 boxes (96 each)	7124 13	96 1 box	7122 06	960 10 racks (96 each)
		10000, yellow 10 bags (1000 each)	7125 56					
	5 - 300 µl 	1000 1 bag	7025 33	480 5 boxes (96 each)	7024 15	96 1 box	7022 08	960 10 racks (96 each)
10000 10 bags (1000 each)		7025 68						
NEW! 50 - 1000 µl* 	1000, blue 2 bags (500 each)	7125 21	500 5 boxes (100 each)	7124 14	60 1 box	7122 10	960 16 racks (60 each)	
	5000, blue 10 bags (500 each)	7125 61						
50 - 1250 µl 	1000 2 bags (500 each)	7025 81	500 5 boxes (100 each)	7024 18	-	-	1000 10 racks (100 each)	
	4000 8 bags (500 each)	7025 84						
Filter Tips	0.1 - 1 µl 	960 1 bag	7021 11	-	-	-	-	960 10 racks (96 each)
	0.5 - 10 µl 	960 1 bag	7021 00	-	-	-	-	960 10 racks (96 each)
	NEW! 2 - 20 µl 	960 1 bag	7121 02	-	-	-	-	960 10 racks (96 each)
	5 - 100 µl 	960 1 bag	7021 04	-	-	-	-	960 10 racks (96 each)
	5 - 200 µl 	960 1 bag	7021 06	-	-	-	-	960 10 racks (96 each)
	50 - 1000 µl 	1000 1 bag	7021 08	-	-	-	-	1000 10 racks (100 each)

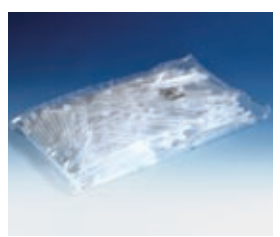
* Bulk tips are yellow or blue colored, racked tips are colorless in a yellow-colored or blue-colored tip tray

Pipette Tips, special sizes 5 and 10 ml



in bulk

Quantity	Cat. No.
0.5 - 5 ml	
200 (1 bag)	7025 95
1000 (5 bags, 200 each)	7026 00
1 - 10 ml	
200 (2 bags, 100 each)	7026 03
1000 (10 bags, 100 each)	7026 04



racked, sterile, **BIO-CERT®** quality

Tip-Stack			Tip-Set		Tip-Box N sterile		Tip-Rack S		Tip-Set S	
Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.
7023 12	–	–	480 5 racks (96 each) + 1 box	7023 04	960 10 boxes (96 each)	7024 40	960 10 racks (96 each)	7024 28	480 5 racks (96 each) + 1 box	7024 19
7023 50	960 10 racks (96 each) + 1 box	7124 02 (available end of 2009)	480 5 racks (96 each) + 1 box	7023 45	960 10 boxes (96 each)	7024 42	960 10 racks (96 each)	7024 31	480 5 racks (96 each) + 1 box	7024 21
7123 15	960 10 racks (96 each) + 1 box	7124 05 (available end of 2009)	480 5 racks (96 each) + 1 box	7123 05	960 10 boxes (96 each)	7124 44	960 10 racks (96 each)	7124 33	480 5 racks (96 each) + 1 box	7124 23
7023 53	–	–	480 5 racks (96 each) + 1 box	7023 41	960 10 boxes (96 each)	7024 46	960 10 racks (96 each)	7024 35	480 5 racks (96 each) + 1 box	7024 25
7123 20	1000 2 x 5 racks (100 each) + 1 box	7124 08 (available end of 2009)	500 5 racks (100 each) + 1 box	7123 13	1000 10 boxes (100 each)	7124 48	–	–	–	–
7123 22	–	–	–	–	–	–	–	–	–	–
7023 24	–	–	500 5 racks (100 each) + 1 box	7023 14	1000 10 boxes (100 each)	7024 50	–	–	–	–
7023 54	–	–	–	–	960 10 boxes (96 each)	7021 59	960 10 racks (96 each)	7021 39	480 5 racks (96 each) + 1 box	7021 19
7023 55	–	–	–	–	960 10 boxes (96 each)	7021 60	960 10 racks (96 each)	7021 40	480 5 racks (96 each) + 1 box	7021 20
7123 57	–	–	–	–	960 10 boxes (96 each)	7121 59	960 10 racks (96 each)	7121 42	480 5 racks (96 each) + 1 box	7121 22
7023 59	–	–	–	–	960 10 boxes (96 each)	7021 64	960 10 racks (96 each)	7021 44	480 5 racks (96 each) + 1 box	7021 24
7023 61	–	–	–	–	960 10 boxes (96 each)	7021 66	960 10 racks (96 each)	7021 46	480 5 racks (96 each) + 1 box	7021 26
7023 65	–	–	–	–	1000 10 boxes (100 each)	7021 68	–	–	–	–

racked, non-sterile

(not available sterile)

Quantity Cat. No.

0.5 - 5 ml
28 (1 box) 7026 05

1 - 10 ml
18 (1 box) 7026 08



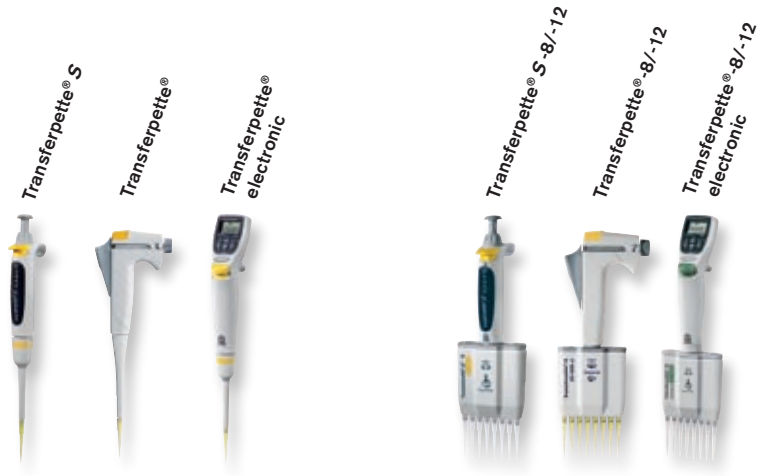
Tip-Box SL		Tip-Box PC	
Quantity	Cat. No.	Quantity	Cat. No.
1 Tip-Box SL (empty)	7022 00	1 Tip-Box PC (empty)	7023 00

The right Pipette Tip

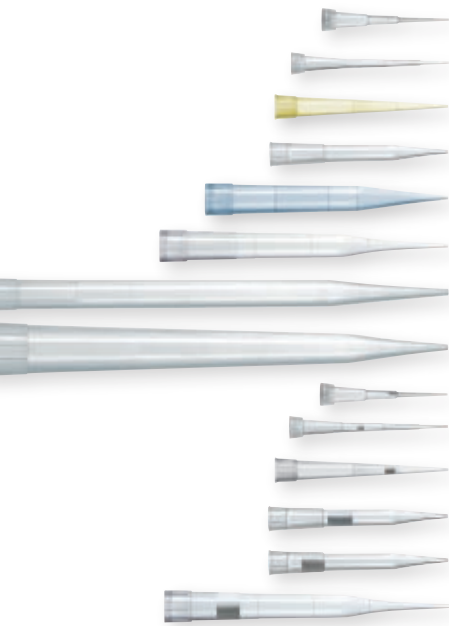
PLASTIBRAND® pipette tips are tested for BRAND pipettes and most of the pipette types from Gilson®, Thermo Fisher Scientific Finnpiquette®, Eppendorf® and Biohit.

The 5 ml tip is exclusively tested for BRAND pipettes and Thermo Fisher Scientific Finnpiquette®. The 10 ml tip is suitable for BRAND, Eppendorf® and Gilson®.

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



**Pipette tips/
Filter tips**
Volume range



Pipette tips/ Filter tips Volume range	Single channel pipettes* Nominal volume											Multichannel pipettes* Nominal volume											
	1 µl	5 µl	10 µl	20 µl	20 µl**	25 µl	50 µl	100 µl	200 µl	250 µl	500 µl	1000 µl	2 ml	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															✓								
0.1 - 1 µl	✓		✓													✓							
0.5 - 10 µl			✓	✓												✓	✓						
2 - 20 µl		✓				✓	✓	✓	✓	✓								✓	✓	✓	✓	✓	✓
5 - 100 µl		✓				✓	✓	✓	✓	✓								✓	✓	✓	✓	✓	✓
5 - 200 µl										✓								✓	✓	✓	✓	✓	✓
50 - 1000 µl											✓	✓											

✓ = Tip volume less than pipette's nominal volume
 *) Electronic pipettes are not available in all specified volumes
 **) Transferpette® with yellow color code

¹⁾ G. R. McDonald, A. L. Hudson, S. M. J. Dunn, H. You, G. B. Baker, R. M. Whittal, J. W. Martin, A. Jha, D. E. Edmondson, A. Holt (2008). Bioactive Contaminants Leach from Disposable Laboratory Plasticware. Science, 322 (5903), 917-917.

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