

Pipette Tips & Filter Tips

BRAND® pipette tips and filter tips are manufactured in a cleanroom under state-of-the-art production conditions. They are automatically rack packed and packaged to ensure consistently high quality.

- High-purity polypropylene, free from DiHEMA and oleamide
- Manufactured without lubricants
- Cadmium-free pigments
- Graduation for a quick volume check
- Rack-packed tips and filter tips up to 1000 µL free of DNA (<40 fg), RNase (<8.6 fg), endotoxins (<1 pg) and ATP (<1 fg)
- Autoclavable at 121 °C (2 bar), acc. DIN EN 285
- Environmentally friendly packaging systems
- CE-marked according to IVD-Directive 98/79 EC
- BIO-CERT® tips sterile according to ISO 11137 and the AAMI guidelines; a SAL of 10⁻⁶ is obtained

Superior quality tips –
priced for value



BRAND® Pipette tips, quality fit for reliable results

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

BRAND® pipette and filter tips are tested and designed to fit BRAND® pipettes and most of the pipettes from GILSON®, Thermo Fisher Scientific FINNPIPETTE®, Eppendorf® and BIOHIT®/Sartorius®. The 5 mL tip is exclusively tested for BRAND® pipettes and Thermo Fisher Scientific FINNPIPETTE®. The 10 mL tip is suitable for BRAND® and Eppendorf® pipettes.

High Quality Tips

Pipette tips are the most frequently used disposables in the laboratory. As laboratory tests have become increasingly sensitive, tip requirements have become more stringent over time. From the raw materials, to the molding machines, and quality control procedures, many parameters need to be considered to meet the highest standards for research and standardized applications.

For the manufacturing of pipette tips and filter tips, BRAND® exclusively uses raw materials that are free from the additives di (2-hydroxyethyl) methyl dodecyl ammonium (DiHEMA) and 9-octadecenamide (oleamide). These additives are often found in raw polypropylene, and can interfere with biological tests, leading to false results. Only highly polished molds are used, so that no parting agents or demolding aids are needed.



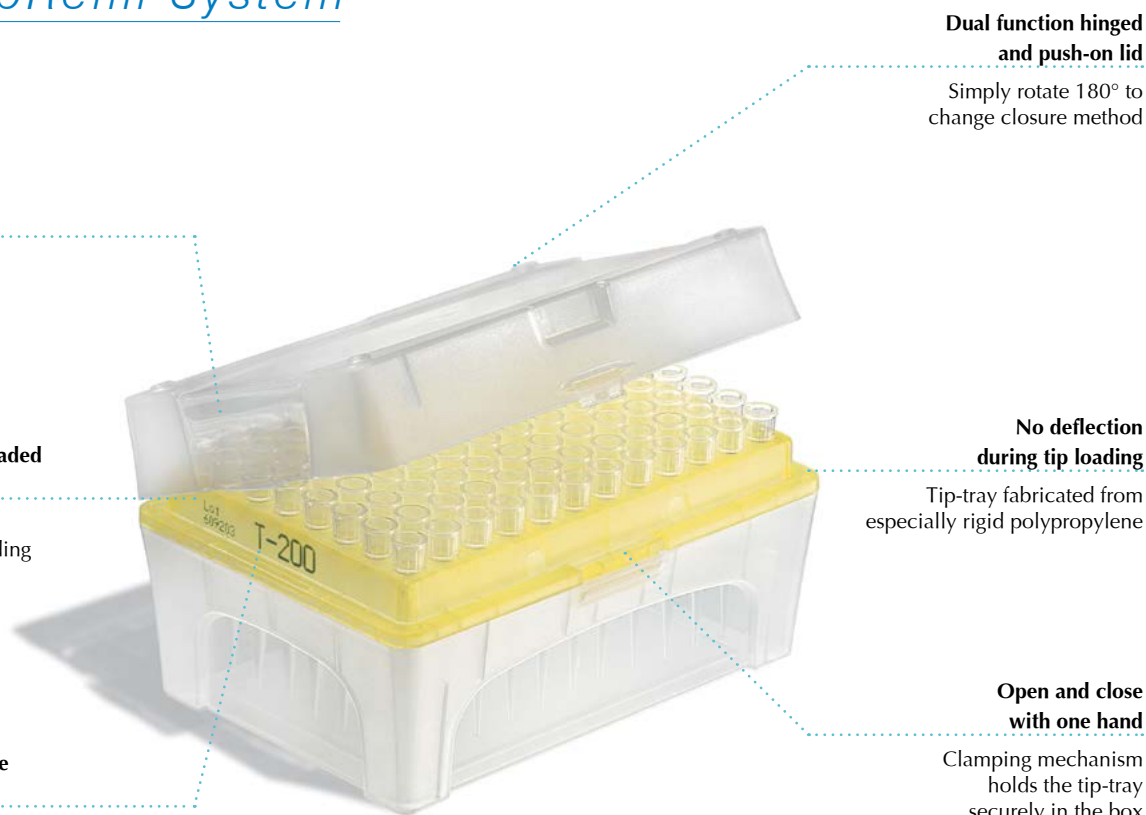
One of the world's largest cleanroom facilities

BRAND® disposable items for the life sciences are produced using the most advanced cleanroom techniques in one of the world's largest cleanrooms for laboratory disposable items. The ongoing cleanroom monitoring includes continuous measurements of air particulates, positive air pressure, air exchange rate, room temperature, and the relative humidity, among other things. This ensures that the actual parameters can immediately be checked against the nominal values. Deviations are detected immediately and suitable countermeasures can be taken before the limit values are exceeded. The high-precision control of environmental conditions provides a very high degree of stability in the corresponding parameters, especially the room temperature. This uniformity, together with quality testing of the final product by batch, guarantees the consistently high quality in the life science products from BRAND®. For the production of disposable items, Class 8, 7, and 5 cleanrooms are available, Class 8 compliance with ISO 14644-1 is certified by external, independent auditors.



Pipette Tip Packaging Options

TipBox/TipRefill System



Dual function hinged and push-on lid

Simply rotate 180° to change closure method

Transparent window

For easy visual inspection

Usable with a partially loaded multichannel pipette

Rimless tip-tray border enables problem-free loading of individual pipette tips

No deflection during tip loading

Tip-tray fabricated from especially rigid polypropylene

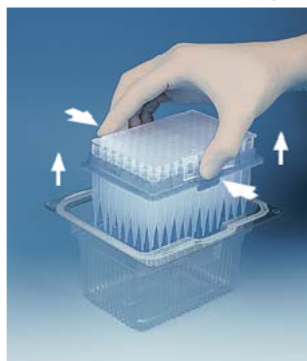
Colored tip-trays with side panel labeling

Contents of box are always clearly visible

Open and close with one hand

Clamping mechanism holds the tip-tray securely in the box

Sterile reloading



Press the long sides of the transfer aid together and continue pressing them together while withdrawing the tip-tray. Ensure that the holding straps for the transfer aid are correctly positioned.



Insert the filled tip-tray perpendicularly from above into the previously sterilized TipBox until it locks into place.



Remove the transfer aid from the mounting plate. Finished – all without tip contact.

Dual function lid



TipBox features a unique dual function lid design. To change closure method from hinged to push-on, simply remove lid and rotate 180°.

TipRefill

TipRefills reduce waste by 20% compared to filled TipBoxes. All rack packed pipette tips and filter tips up to 1000 µL are free of DNA, RNases, endotoxins and ATP (for detailed information see page 129). BIO-CERT® TipRefills are sterile according to ISO 11137 and the AAMI guidelines, and have a SAL of 10⁻⁶. These racks are supplied with a transfer aid that enables simple, contamination-free transfer into a TipBox. Tip size and lot number information is printed on one side of each tip-tray.



TipStack™

A tip tower containing 5 filled tip-trays and a TipBox constitute the space-saving refill system for 20 µL, 200 µL and 1000 µL tips. Tightly sealing spacers prevent the tips from getting stuck together, and keep them free from DNA, RNases, endotoxins and ATP. BIO-CERT® TipStacks are supplied with a transfer aid for contamination-free use in a TipBox.

- Recyclable components
- Reduced waste
- Sterilizable and reusable TipBox
- High purity pipette tips
- Space-saving design



TipRefills sterile and non-sterile

The TipBox refill unit is protected in environmentally recyclable PET packaging. Sterile TipRefills are supplied with a transfer aid for sterile handling of tip rack.

Bulk packed in bags non-sterile

All tips are produced under supervised state-of-the-art clean-room conditions, automatically shrink-wrapped in reclosable bags, and packaged in cardboard boxes. The batch number is printed on every bag.

TipBox sterile and non-sterile

Made of polypropylene with a hinged push-on lid, the tip box is stackable and repeatedly autoclavable at 121 °C (2 bar), according to DIN 285. (Empty TipBox, ordering information see page 18)

TipBox 5/10 mL non-sterile

The 5 mL and 10 mL tips are only available non-sterile in the TipBox configuration.

TipStack™ sterile and non-sterile

The TipStack™ is a space-saving, environmentally compatible refill system for TipBox. It consists of 5 racks of 96 tips and 1 TipBox. Sterile TipStacks are supplied with a transfer aid for sterile handling of tip rack.

Pipette Tip Size & Descriptions



0.1 - 20 µL (A)
0.1 - 1 µL (Filter) (I)

The nano-cap™ tip was developed for the nanoliter range and is ideal for molecular biological applications such as PCR. At 37 mm long, it features a capillary rise that is visible to the naked eye at 0.1 µL. The capillary part of the tip conveniently fills gel wells for most gel electrophoresis systems. It is suitable for pipettes up to 20 µL. The racked tips are colorless in a grey-colored tip tray.



0.5 - 20 µL (B)
0.5 - 10 µL (Filter) (J)

The slender design and 46 mm length allow pipetting in microtubes and microplates without touching the walls. Graduations at 2 µL and 10 µL simplify a quick volume check. The racked tips are colorless in a grey-colored tip tray.



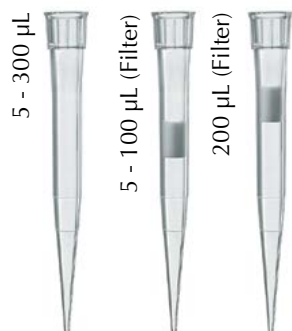
1 - 50 µL (C)
1 - 20 µL (Filter) (K)

At 50 mm, this tip is ideal for working to the bottom of narrow containers. Graduations at 2.5, 10, 25 and 50 µL for quick volume check. The racked tips are colorless in a grey-colored tip tray.



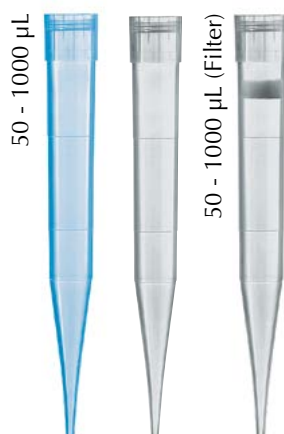
2 - 200 µL (D)
2 - 20 µL (Filter) (L)

A tested and proven thin-walled tip. Lighter in weight, 50 mm long and can be used with virtually all pipettes with yellow color code. Graduations at 20 µL and 100 µL for quick volume check. Bulk tips are colored yellow. The racked tips are colorless in a yellow-colored tip tray.



5 - 300 µL (E)
5 - 100/200 µL (Filter) (M/N)

This thin-walled tip is suitable for reverse pipetting and plate washing. It is 53 mm long and can also be used with pipettes with yellow color code. It is particularly suited for working with multichannel pipettes. Graduations at 50 and 100 µL for quick volume check. The racked tips are colorless in a green-colored tip tray.



50 - 1000 µL (F)
50 - 1000 µL (Filter) (O)

A proven thin-walled tip designed for routine laboratory and research pipetting. Its length is 70 mm. Graduations are at 250, 500 and 1000 µL for a quick volume check. Bulk tips are colored blue. The racked tips are colorless in a blue-colored tip tray.

0.5 - 5 mL (G)

Its particularly slender shape, 160 mm length, and approx. 9.6 mm diameter allows pipetting even from narrow volume measuring equipment such as volumetric flasks with NS 12/21. Suitable for Transferpette® and Thermo Fisher Scientific FINNPIPETTE® microliter pipettes.



1 - 10 mL (H)

At 156.5 mm length and approximately 15 mm diameter, this tip is ideal for working with the Transferpette® S 10 mL and is compatible with Eppendorf® systems.

0.1 - 20 μ L



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Pipette tips, 0.1 – 20 μL, nano-cap™						
bulk	2000	2 bags, 1000 each	732002	\$95.40	—	—
bulk, xxl	10000	10 bags, 1000 each	732022	403.20	—	—
TipRefill	960	10 TipRefills, 96 each	732102	109.00	732122	\$165.80
TipBox	480	5 boxes, 96 each	732202	80.80	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732222	165.80

0.5 - 20 μ L



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Pipette tips, 0.5 – 20 μL, ultra-micro tips						
bulk	2000	2 bags, 1000 each	732004	73.40	—	—
bulk, xxl	10000	10 bags, 1000 each	732024	311.80	—	—
TipRefill	960	10 TipRefills, 96 each	732104	17.60	732124	21.00
TipBox	480	5 boxes, 96 each	732204	11.60	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732224	24.20
TipStack™	960	2x5 refills, 96 each	732244	17.60	732264	21.00

1 - 50 μ L



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Pipette tips, 1 – 50 μL						
bulk	2000	2 bags, 1000 each	732006	73.40	—	—
bulk, xxl	10000	10 bags, 1000 each	732026	311.80	—	—
TipRefill	960	10 TipRefills, 96 each	732106	55.60	732126	146.00
TipBox	480	5 boxes, 96 each	732206	33.60	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732226	146.00

2 - 200 μ L



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Pipette tips, 2 – 200 μL (bulk tips are yellow colored)						
bulk	1000	1 bag, 1000 each	732008	20.00	—	—
bulk, xxl	10000	10 bags, 1000 each	732028	149.00	—	—
TipRefill	960	10 TipRefills, 96 each	732108	17.60	732128	21.00
TipBox	480	5 boxes, 96 each	732208	11.60	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732228	24.20
TipStack™	960	2x5 refills, 96 each	732248	17.60	732268	21.00

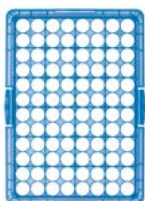
Pipette Tips

5 - 300 µL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Pipette tips, 5 – 300 µL						
bulk	1000	1 bag, 1000 each	732010	\$31.40	—	—
bulk, xxl	10000	10 bags, 1000 each	732030	262.40	—	—
TipRefill	960	10 TipRefills, 96 each	732110	17.60	732130	21.00
TipBox	480	5 boxes, 96 each	732210	11.60	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732230	24.20

50 - 1000 µL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Pipette tips, 50 – 1000 µL (bulk tips are blue colored)						
bulk	1000	2 bags, 500 each	732012	22.00	—	—
bulk, xxl	5000	10 bags, 500 each	732032	82.00	—	—
TipRefill	960	10 TipRefills, 96 each	732112	17.60	732132	21.00
TipBox	480	5 boxes, 96 each	732212	11.60	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732232	24.20
TipStack™	960	2x5 refills, 96 each	732252	17.60	732272	21.00

0.5 - 5 mL



1 - 10 mL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Pipette tips, 0.5 – 5 mL						
bulk	200	1 bag, 200 each	702595	43.00	—	—
bulk, xxl	1000	5 bags, 200 each	702600	202.40	—	—
TipBox 5 mL	28	1 box, 28 each	702605	45.00	—	—

	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Pipette tips, 1 – 10 mL						
bulk	200	2 bags, 100 each	702603	85.00	—	—
bulk, xxl	1000	10 bags, 100 each	702604	382.20	—	—
TipBox 10 mL	18	1 box, 18 each	702608	89.40	—	—



TipBox, with tip-tray, empty

	Cat. No.	2021 List Price
TipBox, with tip-tray PP, stackable, empty, pack of 1		
up to 20 µL	732990	\$7.40
for 200 µL	732992	7.40
for 300 µL	732994	7.40
for 1000 µL	732996	7.40



BRAND® Filter tips are non-self sealing and 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. Liquids can pass very slowly if they accidentally contact the filter. Since the filter does not swell, as with self-sealing

filter tips, 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. The absence of filter additives protects samples from contamination.

0.1 - 1 µL (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Filter tips, 0.1 – 1 µL						
TipRefill	960	10 Tip Refills, 96 each	732602	\$173.40	732622	\$225.80
TipBox	480	5 boxes, 96 each	732702	131.60	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732722	344.20

0.5 - 10 µL (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Filter tips, 0.5 – 10 µL						
TipRefill	960	10 Tip Refills, 96 each	732604	47.40	732624	50.60
TipBox	480	5 boxes, 96 each	732704	96.20	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732724	55.00

1 - 20 µL (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Filter tips, 1 – 20 µL						
TipRefill	960	10 Tip Refills, 96 each	732606	47.40	732626	50.60
TipBox	480	5 boxes, 96 each	732706	96.20	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732726	55.00

Filter Tips

2 – 20 µL (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Filter tips, 2 – 20 µL						
TipRefill	960	10 Tip Refills, 96 each	732608	\$129.40	732628	\$170.00
TipBox	480	5 boxes, 96 each	732708	26.40	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732728	55.00

5 - 100 µL (Filter)



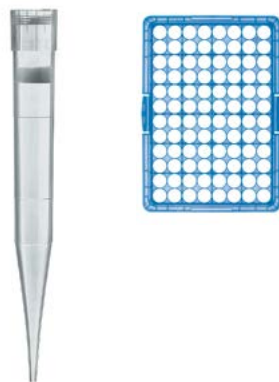
	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Filter tips, 5 – 100 µL						
TipRefill	960	10 Tip Refills, 96 each	732610	129.40	732630	50.60
TipBox	480	5 boxes, 96 each	732710	26.40	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732730	55.00

5 - 200 µL (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Filter tips, 5 – 200 µL						
TipRefill	960	10 Tip Refills, 96 each	732612	47.40	732632	50.60
TipBox	480	5 boxes, 96 each	732712	26.40	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732732	55.00

50 - 1000 µL (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Filter tips, 50 – 1000 µL						
TipRefill	960	10 Tip Refills, 96 each	732614	47.40	732634	50.60
TipBox	480	5 boxes, 96 each	732714	26.40	—	—
TipBox Sterile	960	10 boxes, 96 each	—	—	732734	55.00

Ultra-Low Retention Pipette Tips



Ultra Low Retention (ULR™) tips are produced through a special, patented physicochemical process. The resulting surface is homogeneous, defect-free and has extremely low surface tension – over 50% less than PTFE (see table, page 22). This significantly reduces sample loss and provides substantially higher reproducibility when working with critical media.

- **Ideal for biological samples**—Suitable for detergents such as TRITON™ X-100, SDS, Tween, etc.
- **High chemical resistance**—Ideal for working with solvents
- **No leachables**—No additives or siliconization of the tip surface
- **Autoclavable**—At 121 °C (2 bar) without damaging the material properties

0.1 - 20 µL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention pipette tips, 0.1 – 20 µL						
TipBox, ULR	480	5 boxes, 96 each	732302	\$62.00	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732322	\$171.00

0.5 - 20 µL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention pipette tips, 0.5 – 20 µL						
TipBox, ULR	480	5 boxes, 96 each	732304	41.00	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732324	112.40
TipStack™, ULR	960	2x5 refills, 96 each	732344	63.00	732364	131.20

1 - 50 µL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention pipette tips, 1 – 50 µL						
TipBox, ULR	480	5 boxes, 96 each	732306	41.00	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732326	112.40

2 - 200 µL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention pipette tips, 2 – 200 µL						
TipBox, ULR	480	5 boxes, 96 each	732308	30.40	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732328	106.00
TipStack™, ULR	960	2x5 refills, 96 each	732348	53.60	732368	115.40

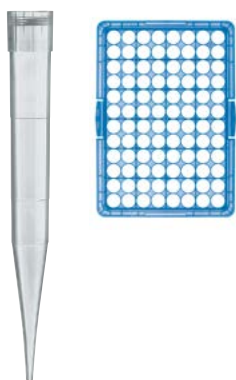
Ultra-Low Retention Pipette Tips

5 - 300 µL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention pipette tips, 5 – 300 µL						
TipBox, ULR	480	5 boxes, 96 each	732310	\$41.00	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732330	\$106.00

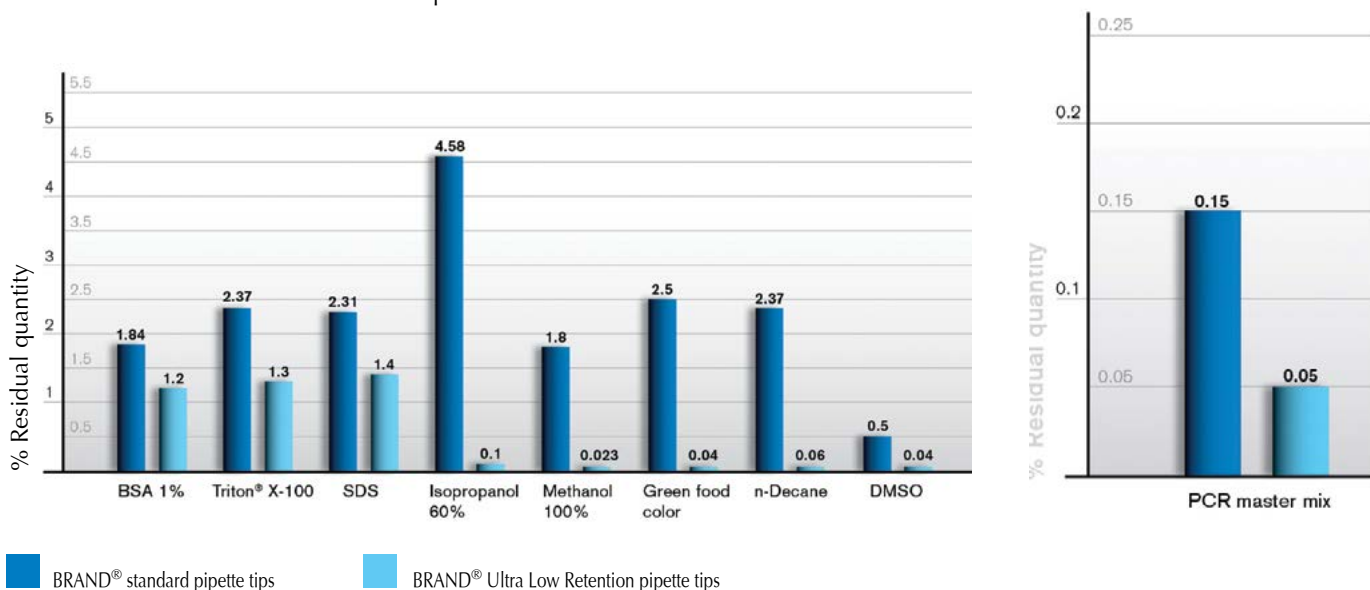
50 - 1000 µL



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention pipette tips, 50 – 1000 µL						
TipBox, ULR	480	5 boxes, 96 each	732312	49.40	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732332	128.00
TipStack™, ULR	960	2x5 refills, 96 each	732352	88.00	732372	176.40

Ultra Low Retention tips vs standard tips

Post pipetting media retention levels of BRAND® 200 µL Standard and Ultra Low Retention pipette tips. Measurements performed by rinsing and subsequent photometric analysis. To see a video demonstration of the process visit www.brandtech.com/ULR.



Ultra-Low Retention Filter Tips

0.1 - 1 μ L (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention filter tips, 0.1 – 1 μL						
TipBox, ULR	480	5 boxes, 96 each	732802	\$96.20	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732822	\$251.80

0.5 - 10 μ L (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention filter tips, 0.5 – 10 μL						
TipBox, ULR	480	5 boxes, 96 each	732804	75.80	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732824	196.40

1 - 20 μ L (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention filter tips, 1 – 20 μL						
TipBox, ULR	480	5 boxes, 96 each	732806	75.80	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732826	196.40

2 - 20 μ L (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention filter tips, 2 – 20 μL						
TipBox, ULR	480	5 boxes, 96 each	732808	75.80	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732828	196.40

5 - 100 μ L (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention filter tips, 5 – 100 μL						
TipBox, ULR	480	5 boxes, 96 each	732810	73.80	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732830	191.00

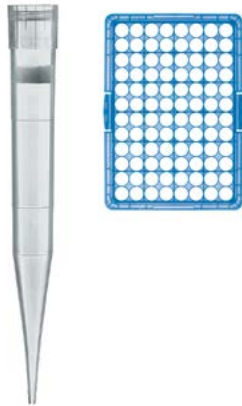
Ultra-Low Retention Filter Tips

5 - 200 µL (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention filter tips, 5 – 200 µL						
TipBox, ULR	480	5 boxes, 96 each	732812	\$73.80	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732832	\$191.00

50 - 1000 µL (Filter)



	Quantity	Pack of	Non-Sterile Cat. No.	2021 List Price	Sterile Cat. No.	2021 List Price
Ultra-Low Retention filter tips, 50 – 1000 µL						
TipBox, ULR	480	5 boxes, 96 each	732814	94.20	—	—
TipBox Sterile, ULR	960	10 boxes, 96 each	—	—	732834	246.80



Pipette tips Filter tips Volume range	Transferpette® single channel Nominal volume										Transferpette® multichannel Nominal volume							
	1 µL	2.5 µL	10 µL	20 µL	20 µL***	25 µL	50 µL	100 µL	200 µL	500 µL	1000 µL	5 mL	10 mL	10 µL	50 µL	100 µL	200 µL	300 µL
0.1 - 20 µL (A)	✓	✓*	✓*	✓*										✓				
0.5 - 20 µL (B)		✓	✓	✓										✓				
1 - 50 µL (C)		✓*	✓	✓										✓				
2 - 200 µL** (D)					✓	✓	✓	✓	✓						✓	✓	✓	✓
5 - 300 µL (E)					✓	✓	✓	✓	✓						✓	✓	✓	✓
50 - 1000 µL** (F)										✓	✓							
0.5 - 5 mL (G)												✓						
1 - 10 mL (H)													✓					
0.1 - 1 µL (I)	✓	✓*	✓*											✓				
0.5 - 10 µL (J)		✓	✓	✓										✓				
1 - 20 µL (K)			✓	✓										✓				
2 - 20 µL (L)					✓	✓	✓	✓	✓						✓	✓	✓	✓
5 - 100 µL (M)					✓	✓	✓	✓	✓						✓	✓	✓	✓
5 - 200 µL (N)									✓						✓	✓	✓	✓
50 - 1000 µL (O)										✓	✓							

✓ = Tip volume less than pipettes nominal volume
 * = Calibration and possible adjustment needed
 ** = Bulk tips are yellow or blue colored. racked tips are colorless in a yellow-colored or blue-colored tip tray
 *** = Transferpette® with yellow color code