

# EXPELL and EXPELLPLUS

## PIPETTE TIPS

More than 20 years of expertise as a pipette tips manufacturer gives **CAPP** the necessary know-how to select and design tips that match the expectations of the strictest customers.

**CAPP** offers a wide range of high-quality tips to fulfill the pipetting needs of research, diagnostics and analytical laboratories.

### Premium design:

- Universal compatibility to the majority of pipette brands on the market
- Different lengths for different applications within the same volume range
- Crystal clear, incremental marks for convenience of use

### Premium portfolio:

- Select from **EXPELLPlus** Low Retention or **EXPELL** Standard (both of premium quality)
- Options of bulk, racked, racked-sterile, reloads, racked-sterile-filtered and bulk-filtered tips
- Different designs of tips within the same volume range to fit almost all the pipettes available on the market

### Premium manufacturing:

- Absolutely no compromise made on quality parameters
- Clean-room facility to eliminate the risk of contamination
- Certified RNase, DNase, DNA and Pyrogen-free
- Superb quality, Swiss-made injection molds
- Made from virgin polypropylene

**EXPELLPlus**  
Low Retention Tips



Standard Tip



# EX Pell and EX Pell PLUS

BULK PIPETTE TIPS

**EX Pell** and **EX Pell Plus** Bulk Pipette Tips come in self-standing, self-sealing plastic bags, enabling comfortable usage and storage.

The tips can be used directly from the bag or manually refilled into all **CAPP** racks. Each bag has a label showing the catalogue and the batch number for easy identification.

**CAPP Bulk Pipette Tips** are the ideal choice for cost-sensitive customers. The tips are manufactured under the same strict conditions as all other types of **CAPP** tips and are certified according to RNase, DNase, DNA and Pyrogen-free standards. They offer universal compatibility with all major pipette brands on the market.



# Ordering Information

## EXPell Bulk Filter Tips

Cat. No.	Description
5131030C	Expell 10µL, bag, w/ filter, 20x1000 pcs.
5131060C	Expell 10/20µL XL, bag, w/ filter, 20x1000 pcs
5131061C	Expell 10/20µL XL, extra narrow, bag, w/ filter, 20x1000 pcs
5131062C	Expell 20µL, bag, w/ filter, 10x1000 pcs.
5131066C	Expell 100µL, bag, w/ filter, 10x1000 pcs.
5131090C	Expell 200µL, bag, w/ filter, 10x1000 pcs.
5131150C	Expell 1000µL, bag, w/ filter, 10x1000 pcs.

## EXPell Bulk Non-filter Tips

Cat. No.	Description
5130010C	Expell 10µL, clear, bag, 20x1000 pcs.
5130040C	Expell 10/20µL XL, clear, bag, 20x1000 pcs.
5130041C	Expell 10/20µL XL, extra narrow, clear, bag, 20x1000 pcs.
5130070C	Expell 200µL, clear, bag, 30x1000 pcs.
4130075C	Expell 200µL, yellow, bag, 30x1000 pcs.
5130100C	Expell 300µL, clear, bag, 10x1000 pcs.
5130130C	Expell 1000µl (1250µL), clear, bag, 20x500 pcs.
4130135C	Expell 1000µl (1250µL), blue, bag, 20x500 pcs.
5130132C	Expell 1000µL (1250µL), pre-sterile, clear, bag, 5x200 pcs. individually wrapped
5130120C	Expell 1250µL XL, clear, bag, 20x 500 pcs.
5130160C	Expell 5000µL, clear, bag, 10x250 pcs. for ecopipette and CAPPBravo pipettes
5130161C	Expell 5000µl, clear, bag, 8x250 pcs. for CAPPSolo pipettes
5130192C	Expell 5500 µL, clear, bag, 8 x 250 pcs.
5130190C	Expell 10000µl, clear, bag, 5x200 pcs. for ecopipette and CAPPBravo pipettes
5130191C	Expell 10000µl, clear, bag, 10x100 pcs. for CAPP Solo pipettes

## EXPellPlus Bulk Non-filter Tips, Low Retention

Cat. No.	Description
5030010C	ExpellPlus 10µL, clear, bag, 20x1000 pcs.
5030012C	ExpellPlus 10µL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030040C	ExpellPlus 10/20µL XL, clear, bag, 20x1000 pcs.
5030042C	ExpellPlus 10/20µL XL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030070C	ExpellPlus 200µL, clear, bag, 30x1000 pcs.
5030072C	ExpellPlus 200µL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030130C	ExpellPlus 1000µl (1250µL), clear, bag, 20x500 pcs.





# CAPP's PaperBox Racks

## – far better than plastic!

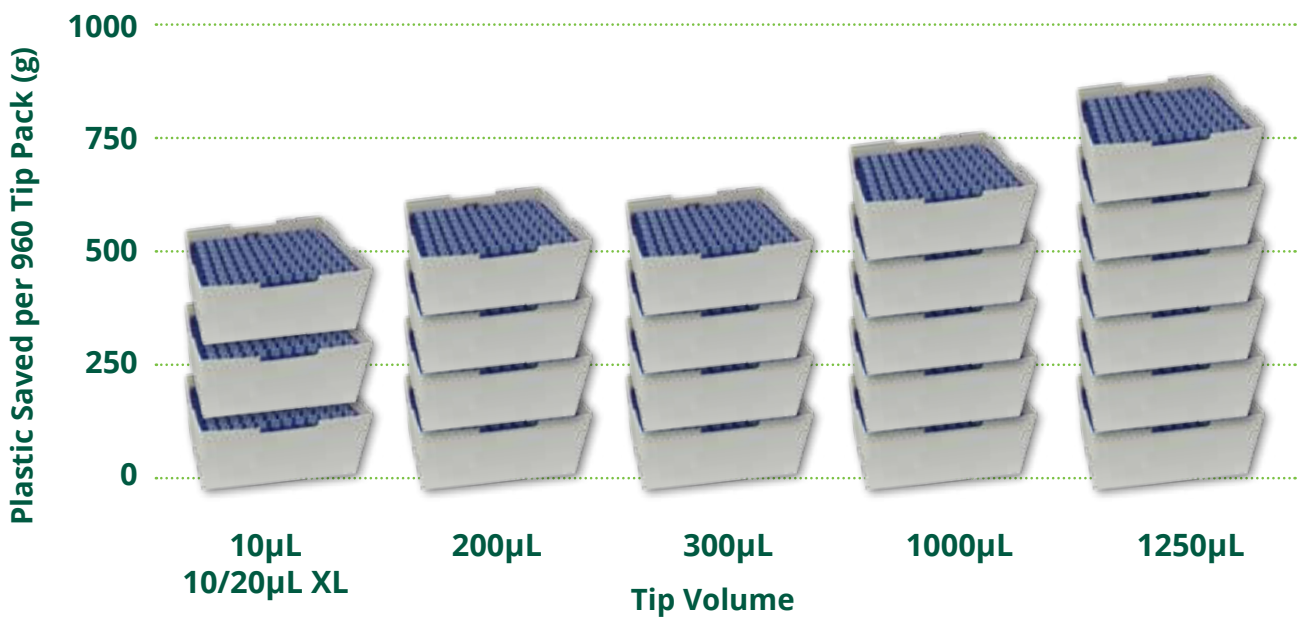
Our cardboard PaperBox racks are a green alternative to plastic racks; the perfect way for non-automated laboratories that rely on single-channel pipettes to save the environment.

Each robust PaperBox rack is totally reliable for pipette tip storage. They use innovative eco-friendly cardboard racks as an alternative to plastic racks and are 100% recyclable.

Supplied in space-saving dispenser towers for easier bulk transportation and greatly reduced emissions per box. On average, each case of PaperBox Filter tips reduces plastic usage by 665g.

*Did you know?*  
Ordering in bulk reduces plastic usage by **665g** per case

### Plastic saved using Paperbox Filter Tips versus Racked tips



**EXPELLUS**  
*PaperBox*

# EX Pell and EX PellPLUS

RACKED TIPS

**CAPP** offers a wide portfolio of racked pipette tips. The racks are compatible with **CAPP** bulk tips of the corresponding volume sizes, as well as with the **CAPP** reload system.

All **CAPP Racked Tips** are manufactured using Swiss-made injection molds, to ensure a premium quality. The product portfolio for racked tips includes filter, non-filter, sterile and non-sterile tips. Additionally, **CAPP Racked Tips** are available as **EX Pell** standard quality and **EX PellPlus** low-retention tips. Both versions are universally compatible with the majority of pipette brands available on the market.

In order to support a wider range of applications, **CAPP Racked Tips** are available in different lengths within the same volume range. The autoclavable racks are packed in user-friendly and space-saving dispenser boxes, including 10 racks (for the majority of volume sizes) or 8 racks for the 1mL tips.

Made of virgin polypropylene, **CAPP Racked Tips** are RNase, DNase and Pyrogen-free certified. The **EX PellPlus** racked tips have unique low retention properties, reducing sample binding to a minimum and significantly improving your pipetting results.





# Ordering Information



## EXPell Racked Tips

Cat. No.	Description
5030015C	Expell 10 $\mu$ L, hinged racks, 5x10x96 pcs.
5130030C	Expell 10 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030045C	Expell 10/20 $\mu$ L XL, hinged racks, 5x10x96 pcs.
5030046C	Expell 10/20 $\mu$ L XL, extra narrow, hinged racks, 5x10x96 pcs.
5130060C	Expell 10/20 $\mu$ L XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130061C	Expell 10/20 $\mu$ L XL, extra narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130062C	Expell 20 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130066C	Expell 100 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030075C	Expell 200 $\mu$ L, hinged racks, 5x10x96 pcs.
5130090C	Expell 200 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130105C	Expell 300 $\mu$ L, hinged racks, 5x10x96 pcs.
5130135C	Expell 1000 $\mu$ L (1250 $\mu$ L), hinged racks, 4x8x96 pcs.
5130140C	Expell 1000 $\mu$ L (1250 $\mu$ L), pre-sterile, hinged racks, 4x8x96 pcs.
5130150C	Expell 1000 $\mu$ L, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.
5130121C	Expell 1250 $\mu$ L XL, hinged racks, 4x8x96 pcs.
5130122C	Expell 1250 $\mu$ L XL, pre-sterile, hinged racks, 4x8x96 pcs.
5130123C	Expell 1250 $\mu$ L XL, pre-sterile w/filter, hinged racks, 4x8x96 pcs.

## EXPellPlus Racked Tips, Low Retention

Cat. No.	Description
5030020C	ExpellPlus 10 $\mu$ L, pre-sterile, hinged racks, 5x10x96 pcs.
5030030C	ExpellPlus 10 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030050C	ExpellPlus 10/20 $\mu$ L XL, pre-sterile, hinged racks, 5x10x96 pcs.
5030051C	ExpellPlus 10/20 $\mu$ L XL, extra narrow, pre-sterile, hinged racks, 5x10x96 pcs.
5030060C	ExpellPlus 10/20 $\mu$ L XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030061C	ExpellPlus 10/20 $\mu$ L XL, extra narrow pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030062C	ExpellPlus 20 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030066C	ExpellPlus 100 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030080C	ExpellPlus 200 $\mu$ L, pre-sterile, hinged racks, 5x10x96 pcs.
5030090C	ExpellPlus 200 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130110C	EXPellPlus 300 $\mu$ L, pre-sterile, hinged racks, 5x10x96 pcs.
5030115C	ExpellPlus 300 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030150C	ExpellPlus 1000 $\mu$ L, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.
5030123C	ExpellPlus 1250 $\mu$ L XL, pre-sterile w/filter, hinged racks, 4x8x96 pcs.



# EXPellPLUS

INDIVIDUALLY WRAPPED TIPS

**EXPellPlus Individually Wrapped Tips** are ideal for sensitive applications requiring the strictest aseptic conditions.

Their unique individual packaging ensures sterility for every single pipetting cycle, maximising the exceptional performance of **EXPellPlus** sterile tips. Assuring the greatest purity standards, **EXPellPlus Individually Wrapped Tips** are free from Endotoxin, DNA, DNase, RNase and PCR inhibitor.

Available in four volume sizes: 10µL standard and extended length, 200µL and 1000-1250µL, **EXPellPlus** individually wrapped tips are universally compatible with the majority of pipette brands available on the market. Thanks to the unique composition of plastic polymer, the inner surface of **EXPellPlus Individually Wrapped Tips** is more hydrophobic, which significantly reduces sample adhesion. These low retention properties minimise sample binding inside the tip, making **EXPellPlus** tips ideal for applications requiring high accuracy and reproducibility.

**EXPellPlus Individually Wrapped Tips** are sterile. Batch number and expiration date are printed on each individual wrap.



## Ordering Information

### EXPellPlus Individually Wrapped Tips

Cat. No.	Description
5030012C	ExpellPlus 10µL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped tips
5030042C	ExpellPlus 10/20µL XL, pre-sterile, long, clear, bag, 5x400 pcs. individually wrapped tips
5030072C	ExpellPlus 200µL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped tips
5130132C	Expell 1000µL (1250µL), pre-sterile, clear, bag, 5x200 pcs. individually wrapped tips





# EXPELL

## RELOAD SYSTEM

CAPP's **EXPELL Pipette Tips Reload System** is available for 10µL standard and extended length as well as for 200µL and 1000-1250µL tips. Depending on tip volume, it consists of towers with 5, 8 or 10 insert plates containing 96 tips each.

The system is extremely easy to use. Take off the tower cover and pick up the insert plate with tips. Place it into the empty rack. The rack has been refilled with 96 tips.

The **EXPELL Reload System** enables multiple savings: Shipping costs are significantly reduced by up to 75% of the packing volume. The tips in an **EXPELL Reload System** are packed more compactly compared to standard racked or bulk tips.

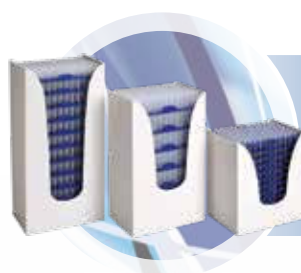
In the **EXPELL Reload System** the tips from the upper insert plate are partially placed into the tips of the lower plate, resulting in a slim tower, taking much less space than a single box with 10 racked tips.

CAPP's **EXPELL Reload System** reduces the plastic waste. Each rack can be reused multiple times and, apart from the insert plates with tips, there is no further plastic component in the **EXPELL Reload System** – only the recyclable cardboard packaging.

Further saving with **EXPELL Reload System** concerns the space. Thanks to the minimal footprint, the towers of the **EXPELL Reload System** take up as less space on the benchtop and in the storage room as possible.

The system is compatible with all **CAPP** racks of corresponding tip volumes.

Spare, empty racks are available as accessories.



Open the refill by sliding it towards the top.

1



2

Prepare an empty rack. Remove its original grid.



Pick up the first grid of refill tips and insert into the rack. The racks can be reused.

3

4

Once the tips are properly installed in the rack, you may close the hinged lid.



## Ordering Information

Cat. No.	Description
5030035C	Expell 10µL, reload tips, 10x10x96 pcs.
5030034C	Empty rack for 10µL, reload tips, 50 pcs.
5030055C	Expell 10/20µL XL, extra narrow, 10x10x96 pcs.
5030054C	Empty Rack for 10/20µL XL, extra narrow, reload tips, 50 pcs.
5030095C	Expell 200µL, reload tips, 10x10x96 pcs.
5130111C	Expell 300µL, reload tips, 10x8x96 pcs.
5030094C	Empty rack for 200µL/300µL, reload tips, 50 pcs.
5130155C	Expell 1000µL (1250µL), reload tips, 10x5x96 pcs.
5130125C	Empty rack for 1000µL (1250µL), reload tips, 32 pcs.





# EXPELL and EXPELLPLUS

FILTER TIPS

Filter tips are primarily used to prevent cross-contamination on critical applications, for example in the field of molecular biology.

More than 20 years of expertise as a pipette manufacturer gives **CAPP** the necessary know-how to select and design tips that match the expectations of the strictest customers; offering a wide range of high-quality tips to fulfill the pipetting needs of research, diagnostics and analytical laboratories.

**CAPP Filter Tips** feature a premium design and universal tip compatibility. They are crystal clear and have accurate graduation marks. The premium filters are consistent in their dimensions, feature controlled pore sizes and are without any additives, making them perfect for molecular, clinical and life science use.

**CAPP EXPell and EXPellPlus Filter Tips** are made to fulfil premium specifications. They possess low retention properties and have a great finish with flash-free orifice. They are certified DNase, RNase, DNA/RNA and pyrogen-free.



## EXPELLPLUS *PaperBox*

Introducing **EXPellPlus PaperBox** filtered pipette tips in cardboard racks

**CAPP** is proud to introduce the environmentally-friendly **EXPellPlus PaperBox** cardboard racks for **EXPellPlus** filter pipette tips. Perfectly suited to the **CAPP** refill system, these are a great alternative to standard plastic tip racks.

### Recyclability:

When you choose filtered pipette tips in **EXPellPlus PaperBox** cardboard racks, the racks can be recycled, reducing any waste impact on the environment.

With the **EXPellPlus PaperBox** cardboard racks, when you are finished with a pack of tips, instead of adding to the global waste problem you can be a part of the solution by simply flattening and recycling the rack.

**Together we can stop adding more plastic to the environment and be a part of the change that will help our planet!**



# Ordering Information

## EXPell Filter tips

Cat. No.	Description
5130030C	Expell 10 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131030C	Expell 10 $\mu$ L, bag, w/ filter, 20x1000 pcs.
5130060C	Expell 10/20 $\mu$ L XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131060C	Expell 10/20 $\mu$ L XL, bag, w/ filter, 20x1000 pcs
5130061C	Expell 10/20 $\mu$ L XL, extra narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131061C	Expell 10/20 $\mu$ L XL, extra narrow, bag, w/ filter, 20x1000 pcs.
5130062C	Expell 20 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131062C	Expell 20 $\mu$ L, bag, w/ filter, 10x1000 pcs.
5130066C	Expell 100 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131066C	Expell 100 $\mu$ L, bag, w/ filter, 10x1000 pcs.
5130090C	Expell 200 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131090C	Expell 200 $\mu$ L, bag, w/ filter, 10x1000 pcs.
5130150C	Expell 1000 $\mu$ L, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.
5131150C	Expell 1000 $\mu$ L, bag, w/ filter, 10x1000 pcs.
5130123C	Expell 1250 $\mu$ L XL, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.

## EXPellPlus Filter tips, Low Retention

Cat. No.	Description
5030030C	ExpellPlus 10 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030060C	ExpellPlus 10/20 $\mu$ L XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030061C	ExpellPlus 10/20 $\mu$ L XL, extra narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030062C	ExpellPlus 20 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030066C	ExpellPlus 100 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030090C	ExpellPlus 200 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030115C	ExpellPlus 300 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030150C	ExpellPlus 1000 $\mu$ L, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.
5030123C	ExpellPlus 1250 $\mu$ L XL, pre-sterile w/filter, hinged racks, 4x8x96 pcs.



## EXPell and EXPellPlus Filter Tips in Cardboard Racks

Cat. No.	Description
5030029C	ExpellPlus 10 $\mu$ L, pre-sterile w/ filter, PaperBox, 5x10x96 pcs.
5030059C	ExpellPlus 10/20 $\mu$ L XL, extra narrow pre-sterile w/ filter, PaperBox, 5x10x96 pcs.
5030063C	ExpellPlus 20 $\mu$ L, pre-sterile w/ filter, PaperBox, 5x10x96 pcs.
5030064C	ExpellPlus 100 $\mu$ L, pre-sterile w/ filter, PaperBox, 5x10x96 pcs.
5030089C	ExpellPlus 200 $\mu$ L, pre-sterile w/ filter, PaperBox, 5x10x96 pcs.
5030114C	ExpellPlus 300 $\mu$ L, pre-sterile w/ filter, PaperBox, 5x10x96 pcs.
5130149C	Expell 1000 $\mu$ L, pre-sterile w/ filter, PaperBox. 4x8x96 pcs.
5130119C	Expell 1250 $\mu$ L XL, pre-sterile w/ filter, PaperBox, 4x8x96 pc.







## COMPATIBILITY CHART

Description	Cat. No.	CAPP			Gilson			Eppendorf			Brand			Thermo			Sartorius			HTL						
		Bravo / ecopipette / CAPPaero / CAPPMaestro / CAPP Tronic	single and multichannel pipettes	single	Pipetman / Pipetman G	single and multichannel pipettes	single	Research Plus	single and multichannel pipettes	single	Transferpette, Transferpette S	single and multichannel pipettes	single	Finnpipette F1 / Novus	manual single and multichannel and electronic single and multichannel pipettes	manual	electronic	single	Proline Plus / Picus	manual single channel and electronic, single and multichannel pipettes	manual	electronic	single	Labmate Pro (same as Labnet BioPette)	manual single and multichannel pipettes	
<b>CAPP Expell Filter Tips</b>																										
Expell 10 µL, w/ filter, clear, sterile	5130030C	■																								
Expell 10 µL, w/ filter, clear	5131030C	■																								
Expell 10 µL, w/ filter, clear, sterile	5130060C	■																								
Expell 10 µL, w/ filter, clear	5131060C	■																								
Expell 10/20 µL, extra narrow, w/ filter, clear, sterile	5130061C	■																								
Expell 10/20 µL, extra narrow, w/ filter, clear	5131061C	■																								
Expell 20 µL, w/ filter, clear, sterile	5130062C	■																								
Expell 20 µL, w/ filter, clear	5131062C	■																								
Expell 100 µL, w/ filter, clear, sterile	5130066C	■																								
Expell 100 µL, w/ filter, clear	5131066C	■																								
Expell 200 µL, w/ filter, clear, sterile	5130090C	■																								
Expell 200 µL, w/ filter, clear	5131090C	■																								
Expell 1000 µL, w/ filter, clear, sterile	5130150C	■																								
Expell 1000 µL, w/ filter, clear	5131150C	■																								
Expell 1250 µL, w/ filter, clear, sterile	5130123C	■																								
<b>CAPP Expell and ExpellPlus individually wrapped Pipette Tips</b>																										
ExpellPlus 10 µL, clear, sterile, indiv. wrapped	5030012C	■																								
ExpellPlus 10 µL, clear, sterile, indiv. wrapped	5030042C	■																								
ExpellPlus 200 µL, clear, sterile, indiv. wrapped	5030072C	■																								
Expell 1000 µL (1250 µL), clear, sterile, indiv. wrapped	5130132C	■																								
<b>CAPP Expell and ExpellPlus Filter Tips in Paper-Box Racks</b>																										
ExpellPlus 10 µL, w/ filter, clear, sterile	5030029C	■																								
ExpellPlus 10/20 µL, extra narrow, w/ filter, clear, sterile	5030059C	■																								
ExpellPlus 20 µL, w/ filter, clear, sterile	5030063C	■																								
ExpellPlus 100 µL, w/ filter, clear, sterile	5030064C	■																								
ExpellPlus 200 µL, w/ filter, clear, sterile	5030089C	■																								
ExpellPlus 300 µL, w/ filter, clear, sterile	5030114C	■																								
Expell 1000 µL, w/ filter, clear, sterile	5130149C	■																								
ExpellPlus 1250 µL, w/ filter, clear, sterile	5130119C	■																								
<b>CAPP Expell Pipette Tips Reload System</b>																										
Expell 10 µL, clear, reload	5030035C	■																								
Expell 10 µL, extra narrow, clear, reload	5030055C	■																								
Expell 200 µL, clear, reload	5030095C	■																								
Expell 300 µL, clear, reload	5130111C	■																								
Expell 1000 µL (1250 µL), clear, reload	5130155C	■																								

■ compatible X not compatible

© 2022 AHN Biotechnologie GmbH. All rights reserved, CAPPBravo, ecopipette, CAPPaero, CAPPMaestro and CAPPTronic are trademarks of AHN Biotechnologie GmbH. Pipetman and Pipetman G are trademarks of Gilson, inc. Eppendorf Research Plus is a trademark of Eppendorf AG. Transferpette and Transferpette S are trademarks of BrandTech Scientific Inc. Finnpipette F1 and Novus are trademarks of Thermo Fisher Scientific Inc. Proline Plus and Picus are trademarks of Sartorius Biohit Liquid Handling Oy. Labmate Pro is a trademark of HTLPLZ HTL SA. BioPette is a trademark of Labnet International, Inc.

