

# 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 PellPLUS

BULK PIPETTE TIPS

**EXPell** and **EXPellPlus** 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 easier 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 10µL 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 10µL 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, 10x1000 pcs.
4130135C	Expell 1000µl (1250µL), blue, bag, 10x1000 pcs.
5130132C	Expell 1000µL (1250µL), pre-sterile, clear, bag, 5x200 pcs. individually wrapped
5130120C	Expell 1250µL XL, clear, bag, 8x 500 pcs
5130160C	Expell 5000µL, clear, bag, 10x250 pcs. for ecopipette and CAPPBravo pipettes
5130161C	Expell 5000µl, clear, bag, 8x250 pcs. for CAPPSolo pipettes
5130190C	Expell 10000µl, clear, bag, 5x200 pcs. for ecopipette and CAPPBravo pipettes
5130191C	Expell 10000µl, clear, bag, 10x100 pcs. for CAPP Solo pipettes

## EXPELL<sup>Plus</sup> Bulk Non-filter Tips, Low Retention

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





# 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 10µL, hinged racks, 5x10x96 pcs.
5130030C	Expell 10µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030045C	Expell 10µL XL, hinged racks, 5x10x96 pcs.
5030046C	Expell 10/20µL XL, extra narrow, hinged racks, 5x10x96 pcs.
5130060C	Expell 10µL XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130061C	Expell 10/20µL XL, extra narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130062C	Expell 20µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130066C	Expell 100µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030075C	Expell 200µL, hinged racks, 5x10x96 pcs.
5130090C	Expell 200µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5130105C	Expell 300µL, hinged racks, 5x10x96 pcs.
5130135C	Expell 1000µL (1250µL), hinged racks, 4x8x96 pcs.
5130140C	Expell 1000µL (1250µL), pre-sterile, hinged racks, 4x8x96 pcs.
5130150C	Expell 1000µL, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.
5130121C	Expell 1250µL XL, hinged racks, 4x8x96 pcs.
5130122C	Expell 1250µL XL, pre-sterile, hinged racks, 4x8x96 pcs.
5130123C	Expell 1250µL XL, pre-sterile w/filter, hinged racks, 4x8x96 pcs.
5130165C	Expell 5000µL, pre-sterile, racks, 10x50 pcs.
5130195C	Expell 10000µL, pre-sterile, racks, 10x25 pcs.

## EXPellPlus Racked Tips, Low Retention

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





## RELOAD SYSTEM

**EXPell Pipette Tips Reload System** is available for 10 $\mu$ L standard and extended length as well as for the 200 $\mu$ L and 1000-1250 $\mu$ L tips. Depending on the 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.

**EXPell Reload System** enables multiple savings:

It cuts shipping costs significantly by reducing 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.

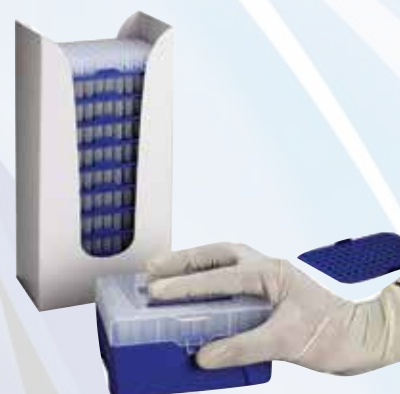
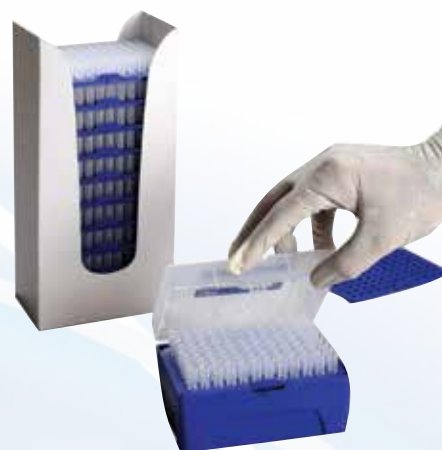
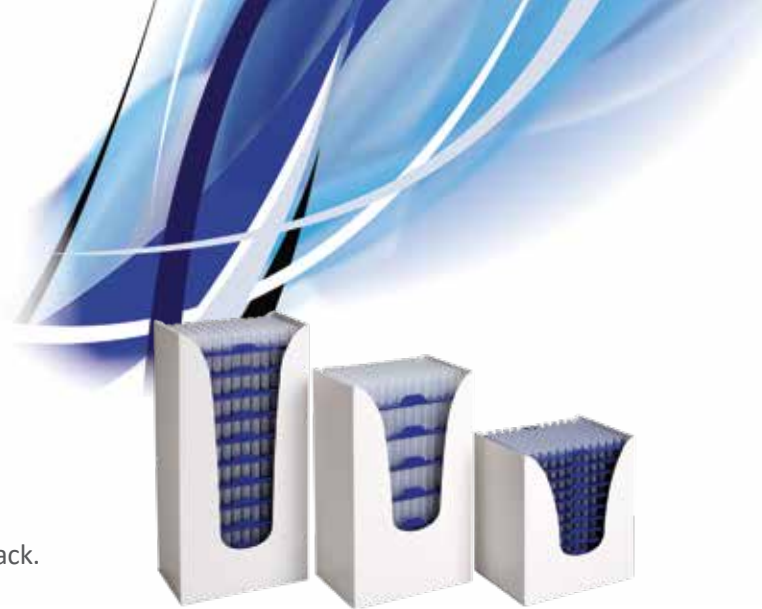
Further saving with **EXPell Reload System** concerns the space. Thanks to the minimal footprint, the towers of the **EXPell Reload System** take up as less space on the benchtop and in the storage room as possible.

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

Spare, empty racks are available as accessories.

## Ordering Information

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





# EX Pell and EX PellPLUS

## 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

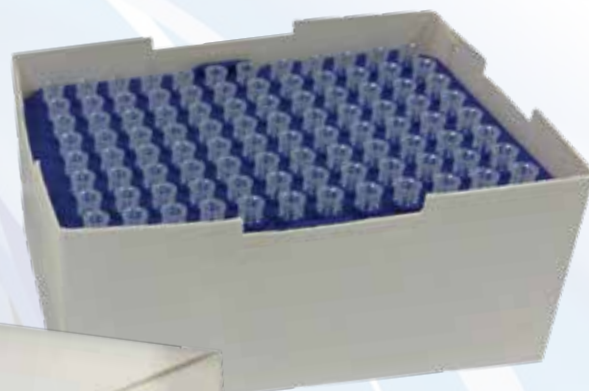
**CAPP** is proud to introduce the environmentally-friendly **EXPellPLUS PaperBox** cardboard racks for **EXPellPLUS** filter pipette tips. Perfectly suited to the **CAPP** refill system, these are a great alternative to standard plastic tip racks.

### 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 10µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131030C	Expell 10µL, bag, w/ filter, 20x1000 pcs.
5130060C	Expell 10µL XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131060C	Expell 10µL XL, bag, w/ filter, 20x1000 pcs.
5130061C	Expell 10/20µL XL, extra narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131061C	Expell 10/20µL XL, extra narrow, bag, w/ filter, 20x1000 pcs.
5130062C	Expell 20µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131062C	Expell 20µL, bag, w/ filter, 10x1000 pcs.
5130066C	Expell 100µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131066C	Expell 100µL, bag, w/ filter, 10x1000 pcs.
5130090C	Expell 200µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131090C	Expell 200µL, bag, w/ filter, 10x1000 pcs.
5130150C	Expell 1000µL, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.
5131150C	Expell 1000µL, bag, w/ filter, 10x1000 pcs.
5130123C	Expell 1250µL XL, pre-sterile w/ filter, hinged racks, 4x8x96 pcs.

## EXPellPlus Filter tips, Low Retention

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



## EXPell and EXPellPlus Filter Tips in Cardboard Racks

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



This compatibility chart is for your reference. We are not responsible for technical modifications or changes made to the mentioned pipettes other than those of CAPP. Specifications like inaccuracy and imprecision values have not been checked. For a complete compatibility list please contact [info@cappahn.com](mailto:info@cappahn.com).



## COMPATIBILITY CHART

		Cat. No.	0.2-2 µL	0.5-10 µL	2-20 µL	5-50 µL	10-100 µL	20-200 µL	100-1000 µL	1000-5000 µL	1000-10000 µL	0.2-2 µL	0.5-10 µL	2-20 µL	5-50 µL	10-100 µL	20-200 µL	100-1000 µL	1000-5000 µL	1000-10000 µL	0.2-2 µL	0.5-10 µL	2-20 µL	5-50 µL	10-100 µL	20-200 µL	100-1000 µL	1000-5000 µL	1000-10000 µL	
Description																														
CAPP Expell Filter Tips																														
Expell 10 µL, w/ filter, clear, sterile	5130030C																													
Expell 10 µL, w/ filter, clear	513030C																													
Expell 10 µL XL, w/ filter, clear, sterile	5130060C																													
Expell 10 µL XL, w/ filter, clear	513060C																													
Expell 10/20 µL XL, extra narrow, w/ filter, clear, sterile	5130061C																													
Expell 10/20 µL XL, extra narrow, w/ filter, clear	513061C																													
Expell 20 µL, w/ filter, clear, sterile	5130062C																													
Expell 20 µL, w/ filter, clear	513062C																													
Expell 100 µL, w/ filter, clear, sterile	5130066C																													
Expell 100 µL, w/ filter, clear	513066C																													
Expell 200 µL, w/ filter, clear, sterile	5130090C																													
Expell 200 µL, w/ filter, clear	513090C																													
Expell 1000 µL, w/ filter, clear, sterile	5130150C																													
Expell 1000 µL, w/ filter, clear	5131150C																													
Expell 1250 µL XL, w/ filter, clear, sterile	5130123C																													
CAPP Expell and ExpellPlus individually wrapped Pipette Tips																														
ExpellPlus 10 µL, clear, sterile, indiv. wrapped	5030012C																													
ExpellPlus 10 µL XL, clear, sterile, indiv. wrapped	5030042C																													
ExpellPlus 200 µL, clear, sterile, indiv. wrapped	5030072C																													
Expell 1000 µL (1250 µL), clear, sterile, indiv. wrapped	5130132C																													
CAPP Expell and ExpellPlus Filter Tips in PaperBox Racks																														
ExpellPlus 10 µL, w/ filter, clear, sterile	5030029C																													
ExpellPlus 10/20 µL XL, 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 XL, w/ filter, clear, sterile	5130119C																													
CAPP Expell Pipette Tips Reload System																														
Expell 10 µL, clear, reload	5030035C																													
Expell 10 µL XL, 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																													



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■ compatible    x not compatible