

**CAPP**  
D E N M A R K

# Liquid Handling Consumables



*Masters of precision*

# Capp Consumables





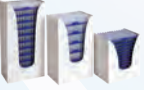








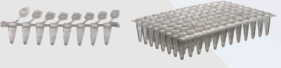
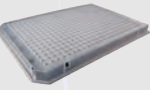
More than 25 years of expertise as a pipette manufacturer gives Capp the necessary know-how to select and design premium consumables that match the expectations of the strictest laboratory customers.

Capp consumables consist of pipette tips, serological pipettes, centrifuge tubes, PCR and cryogenic products, fulfilling the needs of research, diagnostics and analytical laboratories.

All Capp laboratory consumables are made of ultimate quality plastics with extra polished interior and clearly visible markings, assuring they will work perfectly not only in combination with Capp instruments, but also secure premium results when used with other brands' equipment.



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# Expell and ExpellPlus

FILTER TIPS

Filter tips are primarily used to prevent cross-contamination on critical applications such as in the field of Molecular Biology.

More than 25 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.

## Premium filter

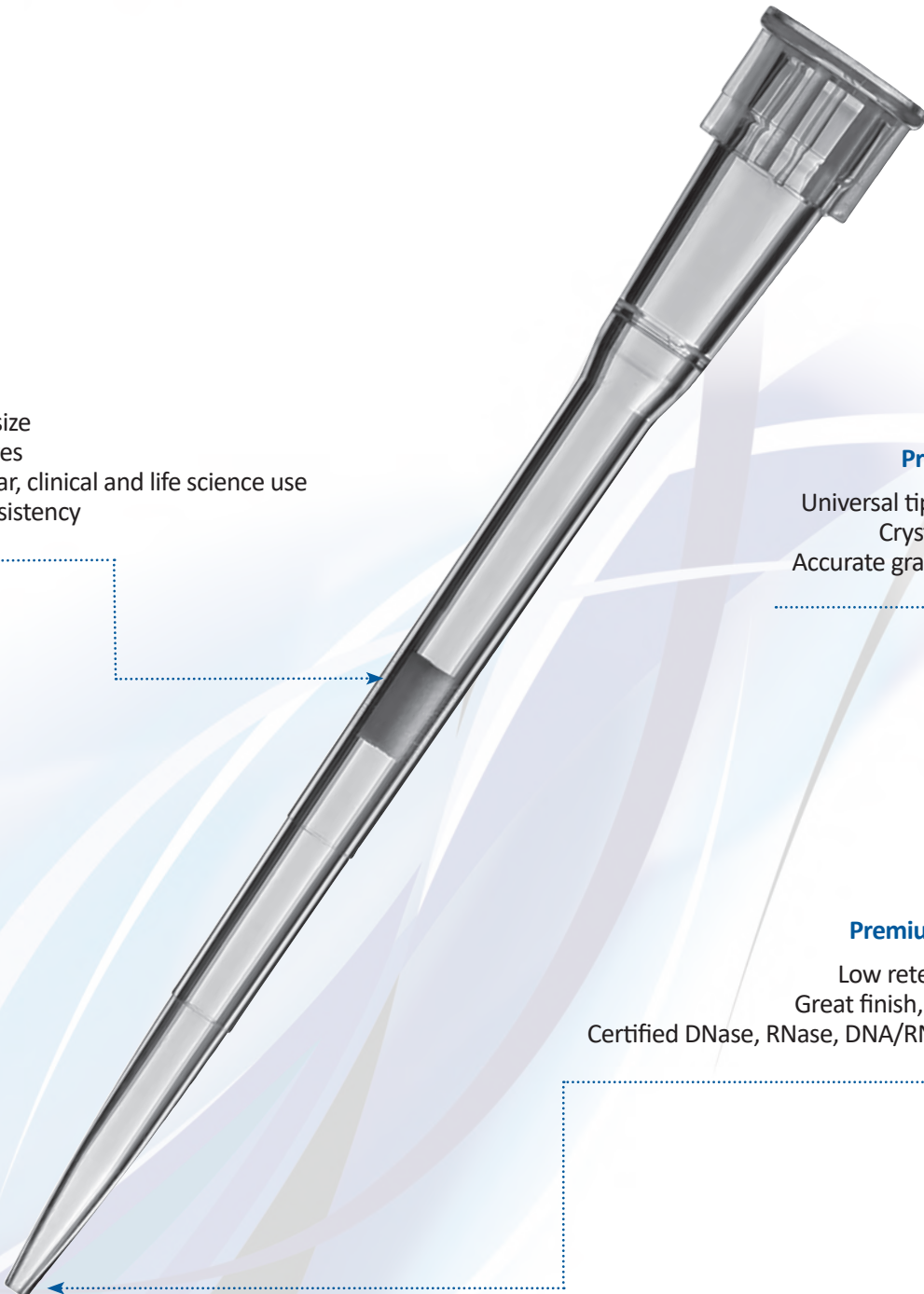
Controlled pore size  
No use of additives  
Pure for molecular, clinical and life science use  
Dimensional consistency

## Premium design

Universal tip compatibility  
Crystal clear clarity  
Accurate graduation marks

## Premium specifications

Low retention properties  
Great finish, flash-free orifice  
Certified DNase, RNase, DNA/RNA, Pyrogen Free



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 great majority of pipette brands on the market
- Different lengths within the same volume range for different applications
- Crystal clear clarity and increment 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 pipettes available on the market

### Premium manufacturing

- Absolutely no compromise made on the 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



# Ordering Information

## Expell and ExpellPlus Filter tips

Cat. No.	Description
5030030C	ExpellPlus 10µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131030C	Expell 10µL, bag, w/ filter, 20x1000 pcs.
5030060C	ExpellPlus 10µL XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131060C	Expell 10µL XL, bag, w/ filter, 20x1000 pcs.
5030061C	ExpellPlus 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks, 5x10x96 pcs
5131061C	Expell 10µL XL, Extra Narrow, bag, w/ filter, 20x1000 pcs.
5030062C	ExpellPlus 20µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131062C	Expell 20µL, bag, w/ filter, 10x1000 pcs.
5030066C	ExpellPlus 100µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131066C	Expell 100µL, bag, w/ filter, 10x1000 pcs.
5030090C	ExpellPlus 200µL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5131090C	Expell 200µL, bag, w/ filter, 10x1000 pcs.
5030115C	ExpellPlus 300µL, pre-sterile w/ filter, hinged racks, 5x10x96 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

INDIVIDUALLY WRAPPED TIPS

**ExpellPlus** individually wrapped tips are ideal for sensitive applications requiring the strictest aseptic conditions.

Their unique individual packing ensures sterility for every single pipetting cycle, maximizing 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 minimize 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.



**CAPP**  
DENMARK

Free from RNase / DNase / Endotoxin  
**ExpellPlus 10µL**  
Clear, Individually Wrapped Tip  
Sterile (if unopened, undamaged)

Capp ApS  
tlf +45 6613 6140  
fax +45 6613 2770  
www.capp.dk

REF 5030012C LOT 12345678 MMYYYY  
STERILE

**CAPP**  
DENMARK

Free from RNase / DNase / Endotoxin  
**ExpellPlus 200µL**  
Clear, Individually Wrapped Tip  
Sterile (if unopened, undamaged)

Capp ApS  
tlf +45 6613 6140  
fax +45 6613 2770  
www.capp.dk

REF 5030072C LOT 12345678 MMYYYY  
STERILE

**CAPP**  
DENMARK

Free from RNase / DNase / Endotoxin  
**Expell 1000µL**  
Clear, Individually Wrapped Tip  
Sterile (if unopened, undamaged)

Capp ApS  
tlf +45 6613 6140  
fax +45 6613 2770  
www.capp.dk

REF 5130132C LOT 12345678 MMYYYY  
STERILE

## Ordering Information

### Expell and ExpellPlus Individually Wrapped Tips

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

# ExpellPlus

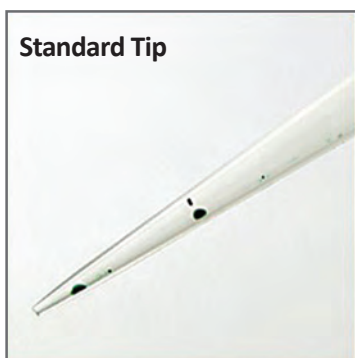
## LOW RETENTION TIPS

Thanks to the unique composition of the plastic polymer, Capp's premium **ExpellPlus** low retention pipette tips have an ultra-smooth inner surface, minimizing any sample binding. The polymer composition along with the high quality Swiss molds, on which the tips are manufactured, enables Capp to obtain the low retention properties without the use of any surface additives.

**ExpellPlus** low retention tips are ideal for pipetting viscous samples, which are normally difficult to dispense in full. Samples such as plasma, enzymes, foaming liquids, detergents, TRIS or BSA can be handled comfortably and without any waste with Capp low retention tips. On the top of that, **ExpellPlus** low retention tips can significantly reduce the waste of expensive reagents.

**ExpellPlus** low retention tips are the perfect choice for volumes below 1mL and help to improve the accuracy and reproducibility of pipetting results. Even the smallest amount of liquid remaining in the tip after dispensing can have a negative impact on the pipetting results. Capp **ExpellPlus** low retention tips are manufactured in a clean-room facility and are all RNase, DNase and Pyrogen free certified and sterile.

Below picture shows a comparison of the liquid remaining after dispensing in a standard tip and in an **ExpellPlus** low retention tip. **ExpellPlus** low retention tips are universally compatible with the majority of other pipette brands.



## Ordering Information

### ExpellPlus Low Retention Non-Filter Tips

Cat. No.	Description
5030010C	ExpellPlus 10 $\mu$ L, pre-sterile, clear, bag, 20x1000 pcs.
5030012C	ExpellPlus 10 $\mu$ L, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030020C	ExpellPlus 10 $\mu$ L, pre-sterile, hinged racks, 5x10x96 pcs.
5030040C	ExpellPlus 10 $\mu$ L XL, pre-sterile, clear, bag, 20x1000 pcs.
5030042C	ExpellPlus 10 $\mu$ L XL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030050C	ExpellPlus 10 $\mu$ L XL, pre-sterile, hinged racks, 5x10x96 pcs.
5030051C	ExpellPlus 10 $\mu$ L XL, Extra Narrow, pre-sterile, hinged racks, 5x10x96 pcs
5030070C	ExpellPlus 200 $\mu$ L, pre-sterile, clear, bag, 10x1000 pcs.
5030072C	ExpellPlus 200 $\mu$ L, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5030080C	ExpellPlus 200 $\mu$ L, pre-sterile, hinged racks, 5x10x96 pcs.
5130110C	ExpellPlus 300 $\mu$ L, pre-sterile, hinged racks, 5x10x96 pcs

### ExpellPlus Low Retention Filter Tips

Cat. No.	Description
5030030C	ExpellPlus 10 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs
5030060C	ExpellPlus 10 $\mu$ L XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs
5030061C	ExpellPlus 10 $\mu$ 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

# Expell & ExpellPlus

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 Capp reload system. All Capp racked pipette tips are manufactured on superb quality, Swiss-made injection molds ensuring a Premium quality.

The racked tips product portfolio covers filter, non-filter, sterile and non-sterile tips. On the top of that, Capp racked tips are available as **Expell** standard quality and **ExpellPlus** low-retention tips.

Both versions are universally compatible with great majority of the 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 **ExpellPlus** racked tips have unique low retention properties, reducing sample binding to the minimum and significantly improving your pipetting results.







# Ordering Information

## Expell and ExpellPlus Racked Tips

Cat. No.	Description
5030015C	Expell 10 $\mu$ L, hinged racks, 5x10x96 pcs.
5030020C	ExpellPlus 10 $\mu$ L, pre-sterile, hinged racks, 5x10x96 pcs.
5030030C	ExpellPlus 10 $\mu$ L, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030045C	Expell 10 $\mu$ L XL, hinged racks, 5x10x96 pcs.
5030046C	Expell 10 $\mu$ L XL, Extra Narrow, hinged racks, 5x10x96 pcs.
5030050C	ExpellPlus 10 $\mu$ L XL, pre-sterile, hinged racks, 5x10x96 pcs.
5030051C	ExpellPlus 10 $\mu$ L XL, Extra Narrow, pre-sterile, hinged racks, 5x10x96 pcs.
5030060C	ExpellPlus 10 $\mu$ L XL, pre-sterile w/ filter, hinged racks, 5x10x96 pcs.
5030061C	ExpellPlus 10 $\mu$ 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.
5030075C	Expell 200 $\mu$ L, 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.
5130105C	Expell 300 $\mu$ L, 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.
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 (1250 $\mu$ 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.
5130165C	Expell 5000 $\mu$ L, pre-sterile, racks, 10x50 pcs.
5130195C	Expell 10000 $\mu$ L, pre-sterile, racks, 10x25 pcs.

# Expell

## 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 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. Put it into the empty rack. The rack has been refilled with 96 tips.

**Expell** reload system enables multiple savings. It reduces the shipping cost significantly by cutting off up to 75% of the volume being shipped. The tips in an Expell reload system are packed more compact 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 towers, taking much less space than a single box with 10 racked tips.

Capp **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 carton packaging.

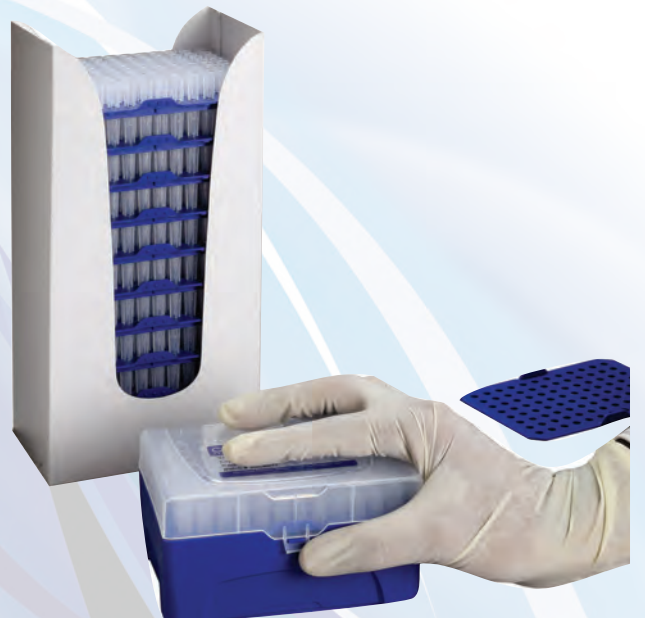
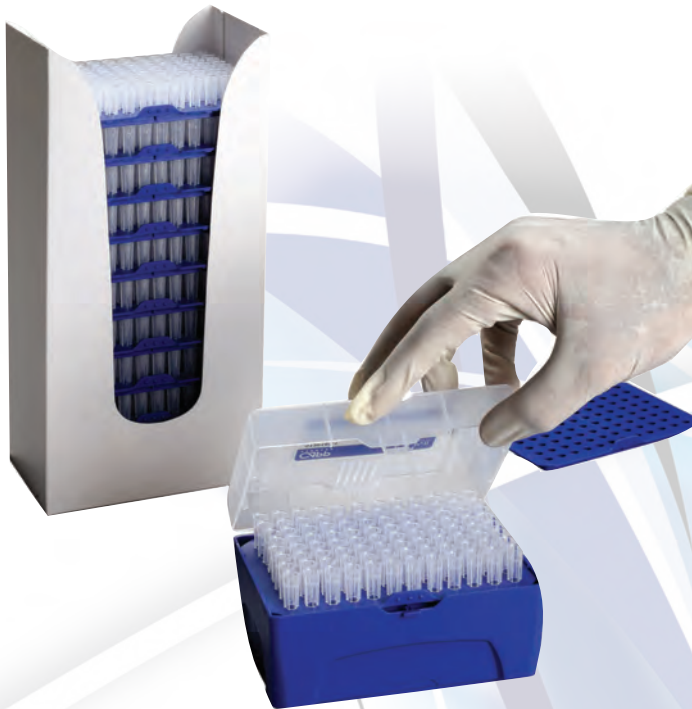
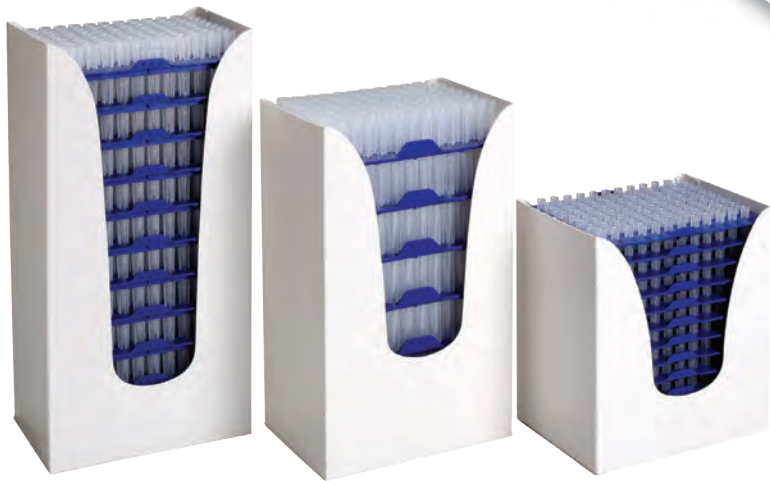
Further saving with **Expell** reload system concerns the space. Thanks to the minimal footprint, the towers of the **Expell** reload system take as less space on the benchtop and in the storage room as only possible.

The system is compatible with all Capp racks of corresponding tip volumes. Spare, empty racks are available as accessories.

# Ordering Information

### Expell Reload System

Cat. No.	Description
5030035C	Expell 10 $\mu$ L, reload, 10x10x96 pcs.
5030034C	Empty rack for 10 $\mu$ L reload tips, 50 pcs.
5030095C	Expell 200 $\mu$ L, reload, 10x10x96 pcs.
5030094C	Empty rack for 200 $\mu$ L reload tips, 50 pcs.
5130155C	Expell 1000 $\mu$ L (1250 $\mu$ L), reload, 10x5x96 pcs.
5130125C	Empty rack for 1000 $\mu$ L (1250 $\mu$ L) reload tips, 32 pcs.



# Expell and ExpellPlus

BULK PIPETTE TIPS

**Expell** and **ExpellPlus** Bulk tips come in self-standing and 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.



# Expell and ExpellPlus

BULK PIPETTE TIPS

## Ordering Information

### Expell Bulk Filter Tips

Cat. No.	Description
5131030C	Expell 10 $\mu$ L, bag, w/ filter, 20x1000 pcs.
5131060C	Expell 10 $\mu$ L XL, bag, w/ filter, 20x1000 pcs
5131061C	Expell 10 $\mu$ L XL, Extra Narrow, bag, w/ filter, 20x1000 pcs.
5131062C	Expell 20 $\mu$ L, bag, w/ filter, 10x1000 pcs.
5131066C	Expell 100 $\mu$ L, bag, w/ filter, 10x1000 pcs.
5131090C	Expell 200 $\mu$ L, bag, w/ filter, 10x1000 pcs.
5131150C	Expell 1000 $\mu$ L, bag, w/ filter, 10x1000 pcs.

### Expell and ExpellPlus Bulk Non-filter Tips

Cat. No.	Description
5130010C	Expell 10 $\mu$ L, clear, bag, 20x1000 pcs.
5030010C	ExpellPlus 10 $\mu$ L, pre-sterile, clear, bag, 20x1000 pcs.
5030012C	ExpellPlus 10 $\mu$ L, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5130040C	Expell 10 $\mu$ L XL, clear, bag, 20x1000 pcs.
5030040C	ExpellPlus 10 $\mu$ L XL, pre-sterile, clear, bag, 20x1000 pcs.
5130041C	Expell 10 $\mu$ L XL, Extra Narrow, clear, bag, 20x1000 pcs.
5030042C	ExpellPlus 10 $\mu$ L XL, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5130070C	Expell 200 $\mu$ L, clear, bag, 10x1000 pcs.
4130075C	Expell 200 $\mu$ L, yellow, bag, 10x1000 pcs.
5030070C	ExpellPlus 200 $\mu$ L, pre-sterile, clear, bag, 10x1000 pcs.
5030072C	ExpellPlus 200 $\mu$ L, pre-sterile, clear, bag, 5x400 pcs. individually wrapped
5130100C	Expell 300 $\mu$ L, clear, bag, 10x1000 pcs.
5130130C	Expell 1000 $\mu$ L (1250 $\mu$ L), clear, bag, 5x1000 pcs.
4130135C	Expell 1000 $\mu$ L (1250 $\mu$ L), blue, bag, 5x1000 pcs.
5130132C	Expell 1000 $\mu$ L (1250 $\mu$ L), pre-sterile, clear, bag, 5x200 pcs. individually wrapped
5130120C	Expell 1250 $\mu$ L XL, clear, bag, 4x1000 pcs.
5130160C	Expell 5000 $\mu$ L, clear, bag, 10x250 pcs.
5130190C	Expell 10000 $\mu$ L, clear, bag, 5x200 pcs.

# Expell & ExpellPlus

## COMPATIBILITY CHART

For tips' compatibility with other pipette brands, please contact [info@capp.dk](mailto:info@capp.dk)



	5130010C 5030010C 5030012C 5030015C 5030020C 5030035C	5030030C 5131030C	5130040C 5030040C 5030042C 5030045C 5030050C 5030055C	5030060C 5131060C	5130041C 5030041C 5030046C 5030051C	5030061C 5131061C	5030062C 5131062C	5030066C 5131066C
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Capp Bravo, ecopipette and CappAero single channel pipette	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	0.2-2µL 0.5-10µL	2-20µL	5-50µL 10-100µL
Capp electronic pipettes and CappAero multichannel	0.5-10µL 2-20µL	0.5-10µL 2-20µL	0.5-10µL 2-20µL	0.5-10µL 2-20µL	0.5-10µL 2-20µL	0.5-10µL 2-20µL	x	5-50µL 10-100µL
Biohit eline, mline, Proline Plus	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	0.1-3µL 0.5-10µL	2-20µL	2-20µL 10-100µL
Brand Transferpette, Transferpette S, Transferpette Electronic	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	2-20µL	x
Eppendorf Reference, Research Plus	0.1-2.5µL 0.5-10µL	0.5-10µL	0.1-2.5µL 0.5-10µL	0.1-2.5µL 0.5-10µL	0.1-2.5µL 0.5-10µL	0.1-2.5µL 0.5-10µL	2-20µL	2-20µL 10-100µL
Finnpipette Digital	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	0.5-10µL	2-20µL	5-50µL
Gilson Pipetman	0.2-2µL 1-10µL	0.2-2µL 1-10µL	0.2-2µL 1-10µL	0.2-2µL 1-10µL	0.2-2µL 1-10µL	0.2-2µL 1-10µL	2-20µL	2-20µL 10-100µL
Rainin Classic, universal shaft (non LTS)	0.1-2µL 0.5-10µL	0.1-2µL 0.5-10µL	0.2-2µL 1-10µL	0.1-2µL 0.5-10µL	0.2-2µL 1-10µL	0.1-2µL 0.5-10µL	2-20µL	2-20µL 10-100µL
VWR, Labnet, HTL mechanical pipettes	0.1-2µL 0.5-10µL	0.1-2µL 0.5-10µL	0.2-2µL 1-10µL	0.1-2µL 0.5-10µL	0.2-2µL 1-10µL	0.1-2µL 0.5-10µL	2-20µL	2-20µL 10-100µL

# Expell & ExpellPlus

## COMPATIBILITY CHART

For tips' compatibility with other pipette brands, please contact [info@capp.dk](mailto:info@capp.dk)



5130070C 5030070C 5030072C 4130075C 5030075C 5030080C 5030095C	5030090C 5131090C	5130100C 5130105C 5130110C	5030115C	5130130C 5130132C 4130135C 5130135C 5130140C 5130155C	5130150C 5131150C	5130120C 5130121C 5130122C	5130123C	5130160C 5130165C	5130190C 5130195C
2-20µL 5-50µL 10-100µL 20 - 200µL	2-20µL 5-50µL 10-100µL 20 - 200µL	2-20µL 5-50µL 10-100µL 20 - 200µL	2-20µL 5-50µL 10-100µL 20 - 200µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	1-5mL	1-10mL
5-50µL 10-100µL 20 - 200µL	5-50µL 10-100µL 20 - 200µL	5-50µL 10-100µL 20-200µL 30-300µL	5-50µL 10-100µL 20-200µL 30-300µL	100-1200µL	100-1200µL	100-1200µL	100-1200µL	500-5000µL	x
2-20µL 10-100µL 20- 200µL	10-100µL 20-200µL	2-20µL 10-100µL 20 - 200µL	2-20µL 10-100µL 20 - 200µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	x	1-10mL
2-20µL 10-100µL 20- 200µL	20-200µL	20-200µL 15-300µL	20-200µL 15-300µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	x	x
2-20µL 10-100µL 20- 200µL	20-200µL	10-100µL 20-200µL 30-300µL	10-100µL 20-200µL 30-300µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	x	1-10mL
2-20µL 5-50µL 20- 200µL	5-50µL 20-200µL	5-50µL 20-200µL 30-300µL	5-50µL 20-200µL 30-300µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	x	x
2-20µL 20-100µL 50-200µL	2-20µL 10-100µL 20-200µL	2-20µL 20-100µL 50-200µL	2-20µL 20-100µL 50-200µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	100-1000µL 200-1000µL	1-5mL	1-10mL
2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	1-5mL	1-10mL
2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	2-20µL 10-100µL 20-200µL	100-1000µL	100-1000µL	100-1000µL	100-1000µL	1-5mL	1-10mL

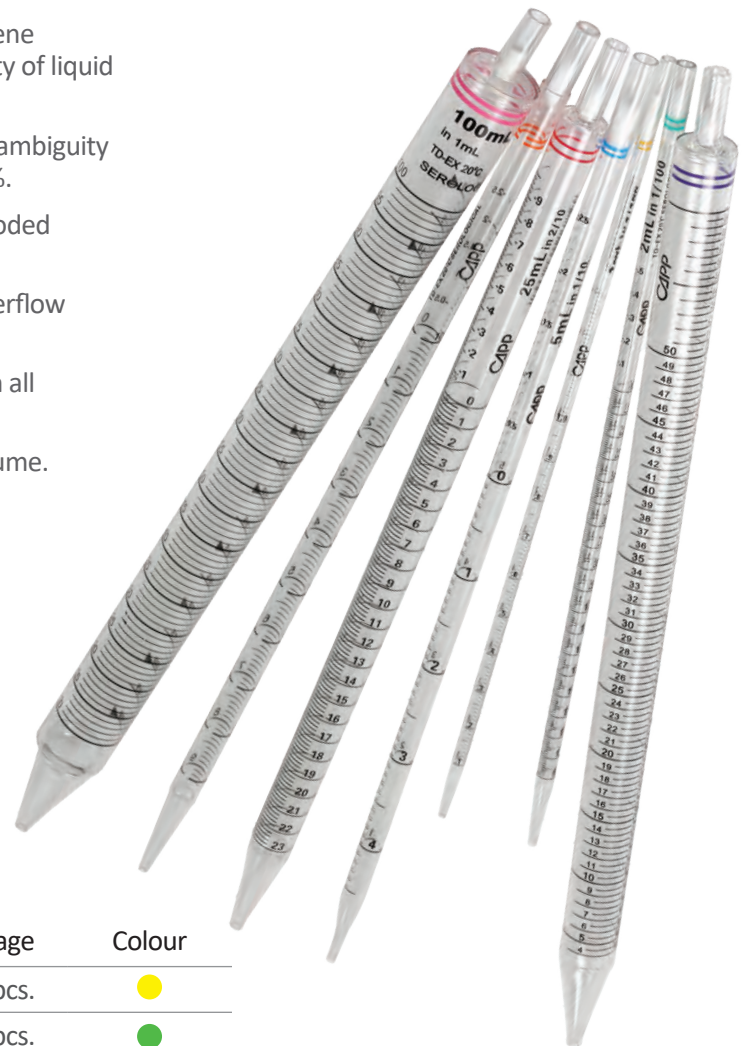
# Capp *Harmony*

SEROLOGICAL PIPETTES

**Capp *Harmony*** pipettes are made from transparent medical-grade polystyrene sterilized by gamma irradiation. Each lot is tested for endotoxins (C.5 Eu/MI) (ISO TO993-11) and Cytotoxicity (ISO 10993-5) and are guaranteed non-haemolytic (ISO 10993-4). Ideal for use within tissue culture applications.

## Features:

- Designed for accurate and rapid fluid dispensing, these polystyrene pipettes are sterile, pyrogen-free and cotton-plugged for a variety of liquid handling applications
- The sharp, black, highly legible permanent graduations prevent ambiguity and guarantee precise reading and accurate dispensing to +1-2%.
- Pipettes are supplied individually wrapped in fibre-free colour-coded paper and plastic combination that is easy to open
- Each pipette comes with an effective filter barrier to prevent overflow of liquid into pipette
- Reverse graduations show the volume removed or remaining on all pipettes larger than 1mL.
- Generous negative graduations provide additional pipetting volume.
- The uniform mouth piece fits all major pipettors and is colour-coded for ease of identification



## Ordering Information

Cat. No.	Description	Volume	Package	Colour
SP-1-C	Serological pipette	1mL	500 pcs.	Yellow
SP-2-C	Serological pipette	2mL	500 pcs.	Green
SP-5-C	Serological pipette	5mL	200 pcs.	Cyan
SP-10-C	Serological pipette	10mL	200 pcs.	Orange
SP-25-C	Serological pipette	25mL	150 pcs.	Blue
SP-50-C	Serological pipette	50mL	100 pcs	Purple
SP-100-C	Serological pipette	100mL	50 pcs.	Pink



# Capp *Harmony*

## RETIPS

Capp offers a wide range of **Capp *Harmony*** retips, featuring universal compatibility with the majority of repeater pipettes available on the market.

The concept of the retips is based on the positive displacement principle, where the piston of the retip is in direct contact with the liquid being processed, minimizing the dead volume leading to increased inaccuracy and imprecision margins.

**Capp *Harmony*** retips are therefore ideal to assure very reliable results on your liquid handling protocol. Moreover, the disposable pistons of **Capp *Harmony*** retips are perfectly suitable for applications involving viscous liquids and for protocols requiring an increased prevention of cross contamination, such as pipetting of infectious and volatile liquids.

**Capp *Harmony*** retips along with Capp repeater pipettes - **Capp *Rhythm*** or **Capp *R10*** - are the optimal tool for any multidispensing application. Available in 11 sizes (8 for **Capp *Rhythm***, 11 for **Capp *R10*** repeater) they come bulk or in an individual sterile packaging.



## Ordering Information

### Capp *Harmony* Syringes

Cat. No.	Description
RS-01-C	Syringes 0,05 mL, 100 pcs.
RS-11-C	Syringes Pro 0,1 mL, 100 pcs.
RS-12-C	Syringes Pro 0,2 mL, 100 pcs.
RS-02-C	Syringes Pro 0,5 mL, 100 pcs.
RS-13-C	Syringes Pro 1,0 mL, 100 pcs.
RS-03-C	Syringes 1,25 mL, 100 pcs.
RS-04-C	Syringes Pro 2,5 mL, 100 pcs.
RS-05-C	Syringes Pro 5,0 mL, 100 pcs.
RS-14-C	Syringes Pro 10,0 mL, 100 pcs.
RS-06-C	Syringes 12,5 mL, 100 pcs.
RS-07-C	Syringes Pro 25,0 mL, 25 pcs.
RS-08-C	Syringes Pro 50,0 mL, 25 pcs.

### Capp *Harmony* Syringes, Sterile, Individually Packed

Cat. No.	Description
RS-01S-C	Syringes 0,05 mL, sterile, individually packed, 100 pcs.
RS-11S-C	Syringes Pro 0,1 mL, sterile, individually packed, 100 pcs.
RS-12S-C	Syringes Pro 0,2 mL, sterile, individually packed, 100 pcs.
RS-02S-C	Syringes Pro 0,5 mL, sterile, individually packed, 100 pcs.
RS-13S-C	Syringes Pro 1,0 mL, sterile, individually packed, 100 pcs.
RS-03S-C	Syringes 1,25 mL, sterile, individually packed, 100 pcs.
RS-04S-C	Syringes Pro 2,5 mL, sterile, individually packed, 100 pcs.
RS-05S-C	Syringes Pro 5,0 mL, sterile, individually packed, 100 pcs.
RS-14S-C	Syringes Pro 10,0 mL, sterile, individually packed, 100 pcs.
RS-06S-C	Syringes 12,5 mL, sterile, individually packed, 100 pcs.
RS-07S-C	Syringes Pro 25,0 mL, sterile, individually packed, 25 pcs
RS-08S-C	Syringes Pro 50,0 mL, sterile, individually packed, 25 pcs.

# Capp Harmony

## COMPATIBILITY CHART

For syringes' compatibility with other pipette brands, please contact [info@capp.dk](mailto:info@capp.dk)



RS-01-C

RS-01S-C

Capp Harmony syringes 0.05mL  
100 pcs



RS-11-C

RS-11S-C

Capp Harmony syringes 0.1mL  
100 pcs



RS-12-C

RS-12S-C

Capp Harmony syringes 0.2mL  
100 pcs



RS-02-C

RS-02S-C

Capp Harmony syringes 0.5mL  
100 pcs



RS-13-C

RS-13S-C

Capp Harmony syringes 1.0mL  
100 pcs



RS-03-C

RS-03S-C

Capp Harmony syringes 1.25mL  
100 pcs

Capp Rhythm Repeater	Fully compatible	Not compatible	Not compatible	Fully compatible	Not compatible	Fully compatible
Capp R10 Repeater	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Biohit Mechanical Stepper	Fully compatible	Not compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible
eLINE Lite Dispenser	Not compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible
eLINE Pro Dispenser	Not compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible
Fisherbrand	Fully compatible	Not compatible	Not compatible	Fully compatible	Not compatible	Fully compatible
HTL MINILAB 201	Fully compatible	Not compatible	Not compatible	Fully compatible	Not compatible	Fully compatible
Brand HandyStep	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Brand HandyStep electronic	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible	Fully compatible
Gilson Distriman / Repetman	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	Fully compatible
Raining Auto Rep S	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Raining Auto Rep E	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Not compatible	Fully compatible

# Capp Harmony

## COMPATIBILITY CHART

For syringes' compatibility with other pipette brands, please contact [info@capp.dk](mailto:info@capp.dk)



RS-04-C RS-04S-C Capp Harmony syringes 2.5mL 100 pcs	RS-05-C RS-05S-C Capp Harmony syringes 5mL 100 pcs	RS-14-C RS-14S-C Capp Harmony syringes 10mL 100 pcs	RS-06-C RS-06S-C Capp Harmony syringes 12.5mL 100 pcs	RS-07-C RS-07S-C Capp Harmony syringes 25mL 25 pcs	RS-08-C RS-08S-C Capp Harmony syringes 50mL 25 pcs
Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible	Fully compatible
Fully compatible	Fully compatible	Not compatible	Fully compatible	Fully compatible	Fully compatible
Not compatible	Not compatible	Not compatible	Fully compatible	Not compatible	Not compatible
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# Expell Cryo Tubes

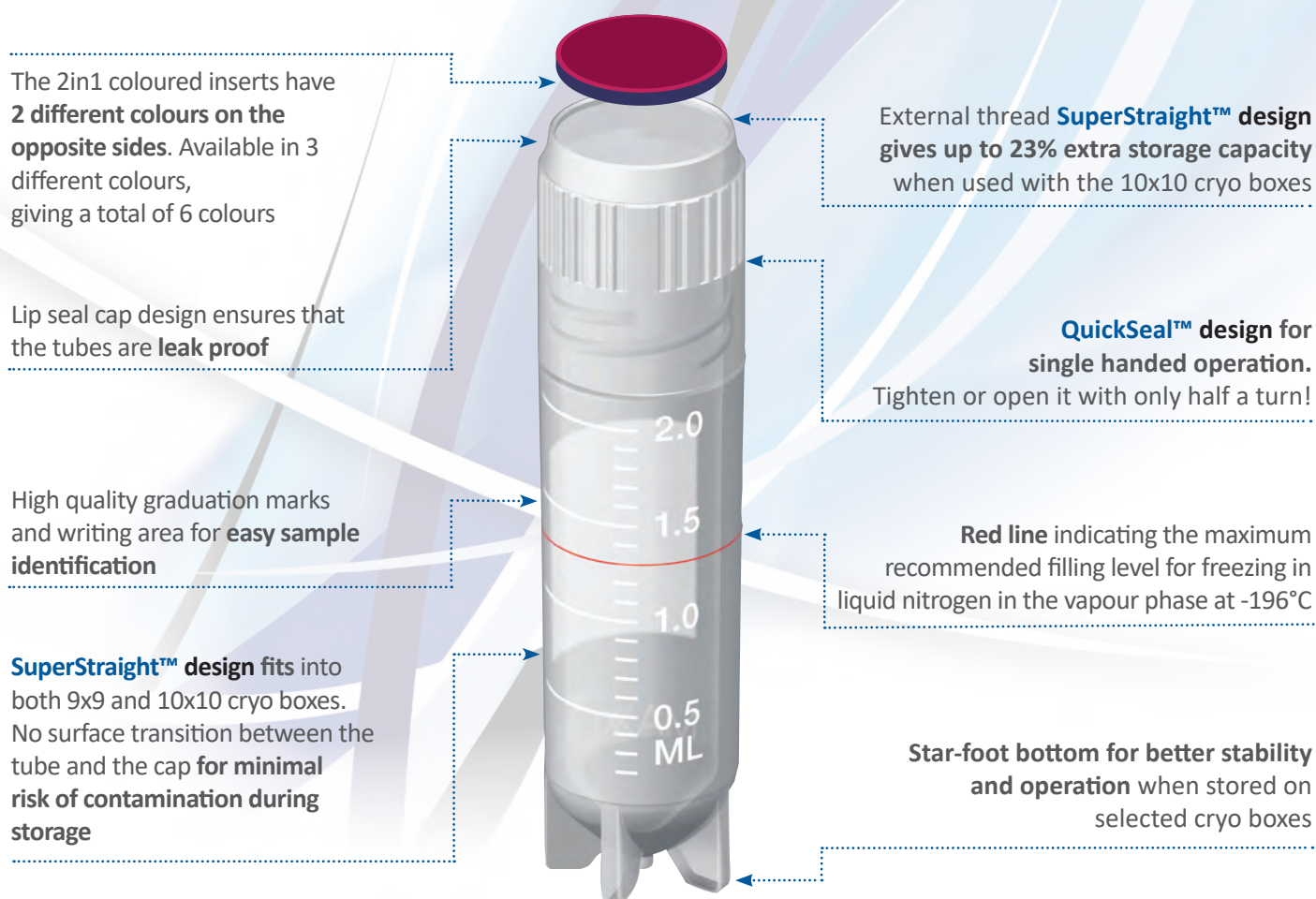
Superior by Design™

Capp offers a unique portfolio of cryo tubes in 5 sizes: 0.5mL, 1.0mL, 2.0mL, 4.0mL and 5.0mL.

**Expell Cryo Tubes** are designed with a focus on the best user experience and convenience. Featured with single-handed QuickSeal™ closure, the external thread design allows tightening or removal with only half a turn. These are one of the only cryo tubes with external thread and star foot which can be stored in 10x10 cryo boxes, saving up to 23% storage capacity compared to conventional cryo solutions. They are also compatible with common workstations on the market.

Both the caps and the cryo tubes are made of specially formulated polypropylene, having the same coefficient of expansion and therefore enhancing the leak proof qualities at various temperatures.

**Expell Cryo Tubes** come packed in resealable stand-up pouches, saving benchtop space. They are suitable for storage in the vapour phase of liquid nitrogen.



## Ordering Information

### Expell Cryo Tubes

Cat. No.	Description
5040500C	Expell Cryo Tube 0,5mL, 10x100 pcs.
5041000C	Expell Cryo Tube 1,0mL, 10x100 pcs.
5042000C	Expell Cryo Tube 2,0mL, 10x100 pcs.
5044000C	Expell Cryo Tube 4,0mL, 5x100 pcs.
5045000C	Expell Cryo Tube 5,0mL, 5x100 pcs.

### 2in1 Coloured Cap Inserts for Expell Cryo Tubes

Cat. No.	Description
504RB00C	Red-blue cap for Expell Cryo Tube, 6x100 pcs.
504YG00C	Yellow-green cap for Expell Cryo Tube, 6x100 pcs.
504PW00C	Pink-white cap for Expell Cryo Tube, 6x100 pcs.
504MX00C	Mix colour cap for Expell Cryo Tube, 6x100 pcs.

# Expell Cryo Boxes

**Expell Cryo Boxes** from Capp are made of highly durable polypropylene and suitable both for freezing at -90°C and autoclaving at +121°C for 20 minutes.

**Expell Cryo Boxes** are universally compatible with many other brands of cryo tubes. When used along with **Expell Cryo Tubes**, they provide further unique, space-saving advantages. This is possible thanks to the unique design of **Expell Cryo Tubes**. External thread cryo tubes are normally stored on boxes with 9 x 9 dividers, as the construction of the external thread adds an edge to the lid.

The streamlined design of **Expell Cryo Tubes** eliminates the edges, making them perfectly suitable for storage on boxes with 10x10 dividers. This increases the storage space by up to 23%, compared to storage on standard 9 x 9 boxes. Additionally, with Expell 0.5mL cryo tubes, two **Expell Cryo Boxes** can be stored on the top of each other, doubling the storage capacity.

**Expell Cryo Boxes** have a numerical coding on both the lid and the bottom of each box. The edges of the boxes are slanted in order to ensure proper lid positioning and eliminate any potential encoding failures. The star-foot lock at the bottom of each box well enables one-handed tube opening without taking the tube out of the box.

## Features:

- Save up to 23% storage space with **Expell Cryo Boxes** with 10 x 10 dividers
- 5 sizes of **Expell Cryo Boxes** are available (height: 32, 40, 50, 80 and 90mm) to perfectly fit **Expell Cryo Tubes** sizes from 0.5 to 5mL
- Quick and easy sample identification is possible thanks to the numerical coding for each tube
- Made of high quality durable polypropylene, suitable for storing at -90°C and autoclaving at +121°C for 20 minutes
- Star-foot lock at the bottom of each box well, enabling one-handed tube opening without taking the tube out of the box
- Slanted edges for easier identification and handling

## Ordering Information

### Expell Cryo Boxes

Cat. No.	Description
5040510C	Expell Cryobox w/10x10dv. 0.5mL, 180 pcs.
5041010C	Expell Cryobox w/10x10dv, 1mL, 105 pcs
5042010C	Expell Cryobox w/10x10dv. 2mL, 105 pcs.
5044010C	Expell Cryobox w/10x10dv. 4mL, 90 pcs.
5045010C	Expell Cryobox w/10x10dv. 5mL, 60 pcs.



# BluCapp

CENTRIFUGE TUBES

Designed to cover the everyday need for sample storage and centrifugation in the lab, the **BluCapp Centrifuge tubes** feature easy-to-read graduations as well as a large writing area (20x50mm).

**Features:**

- The leak-proof caps have large ridges to provide the optimal grip when wearing gloves
- Combined with the 3/4th turn closure, it significantly increases speed and allows one-handed operation
- Made from polypropylene, the **BluCapp Centrifuge tubes** are autoclavable and tested to endure up to 16000 RCF



## Ordering Information

Centrifuge Tubes: **BluCapp 15mL and 50mL tubes**

Cat. No.	Description
5100015C	BluCapp 15mL, pre-sterile, 20x25 pcs.
5100050C	BluCapp 50mL, pre-sterile, 20x25 pcs.
5100060C	BluCapp 50mL, pre-sterile, self-standing, 20x25pcs.

# Expell Microcentrifuge Tubes

The graduated **Expell microcentrifuge tubes** are manufactured from virgin PP, out of the finest molds available.

#### Features:

- One-handed open/close operation
- Perfect sealing and evaporation protection
- Polished interior to prevent from protein adhesion
- High clarity for good sample visibility.

All **Expell microcentrifuge tubes** are DNase, RNase, Pyrogen free and withstand up to 20,000g.

Trust the **Expell microcentrifuge tubes** from Capp, and experience a fantastic stability on your centrifugation protocols.



## Ordering Information

#### Expell Microcentrifuge Tubes

Cat. No.	Description
5100500C	Expell Microcentrifuge tubes 0.5mL, bulk, 10x1000 pcs.
5001500C	ExpellPlus Microcentrifuge tubes 1.5mL, bulk, low retention, 20x500 pcs.
5101500C	Expell Microcentrifuge tubes 1.5mL, bulk, 20x500 pcs.
5101590C	Expell Microcentrifuge tubes 1.5 mL, bulk, assorted colors, 20x500 pcs. (magenta, blue, yellow, green, orange)
5102000C	Expell Microcentrifuge tubes 2.0mL, bulk, 10x500 pcs.

# Expell

## BLACK MICROCENTRIFUGE TUBES

With a special focus on processing light-sensitive samples, Capp has developed **Expell** black microcentrifuge tubes. The black tubes are available in one size (1.5mL) and come bulked packed in bags of 500pcs.

The black Polypropylene compound creates a completely opaque barrier, preventing the light from causing any reactions within the liquid inside the tube, making the tubes ideal for processing light sensitive samples. **Expell** black microcentrifuge tubes are a great alternative to the commonly used method of wrapping the tube in aluminum foil in order to protect the samples from the light impact.

**Expell** black microcentrifuge tubes are suitable for applications requiring photo-sensitive, fluorescent or ethidium bromide probes. Unlike amber tinted tubes, **Expell** black microcentrifuge tubes are completely opaque and protect even the most light-sensitive samples.



## Ordering Information

### Expell Black Microcentrifuge Tubes

Cat. No.	Description
5101550C	Expell Microcentrifuge tubes 1.5 mL, bulk, black, 20x500 pcs



# Expell PCR

## PCR TUBES & PLATES

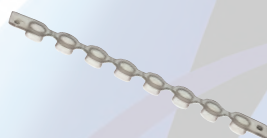
**Capp Expell PCR** line comprises of 0.1mL and 0.2mL tubes with plug caps, strips of 8 tubes, strips, plates and optical adhesives. The V-shape bottom allows total sample recovery and the thin-walled wells of polypropylene allow a very good transmission of temperature and minimize condensation.



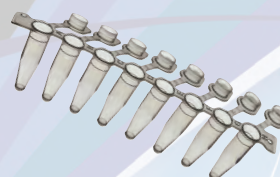
5100200C



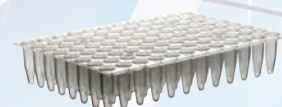
5100210C



5100211C



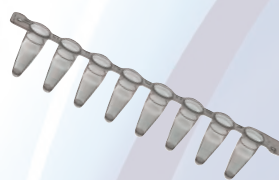
5100212C



5100213C



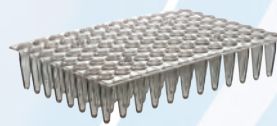
5100300C



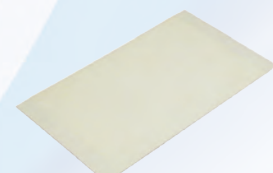
5100310C



5100311C



5100313C



5100400C

## Ordering Information

**For standard PCR / qPCR thermocyclers that require regular profile 0.2mL tubes**

**Cat. No. Description**

5100200C	Expell PCR tubes 0.2mL, bag, 20x1000 pcs.
5100210C	Expell PCR strips of 8 tubes 0.2mL, bag, 20x120 pcs.
5100211C	Expell PCR strips of 8 caps (flat), for 0.1mL and 0.2mL tubes, bag, 30x120pcs.
5100212C	Expell PCR strips of 8 tubes w/ single attached caps 0.2mL, 8x120 pcs.
5100213C	Expell PCR plate of 96 x 0.2mL, 8x 25 pcs., non-skirted

**For fast PCR / qPCR thermocyclers that require low profile 0.1mL tubes**

**Cat. No. Description**

5100300C	Expell PCR tubes 0.1mL, bag, 20x1000 pcs.
5100310C	Expell PCR strips of 8 tubes 0.1mL, bag, 15x120 pcs.
5100311C	Expell PCR strips of 8 tubes w/ single attached caps 0.1mL, 8x120 pcs.
5100313C	Expell PCR plate of 96 x 0.1mL, 8x 25 pcs., non-skirted
5100400C	Expell PCR Optical Disposable Adhesive, bag of 100 pcs.

# Expell

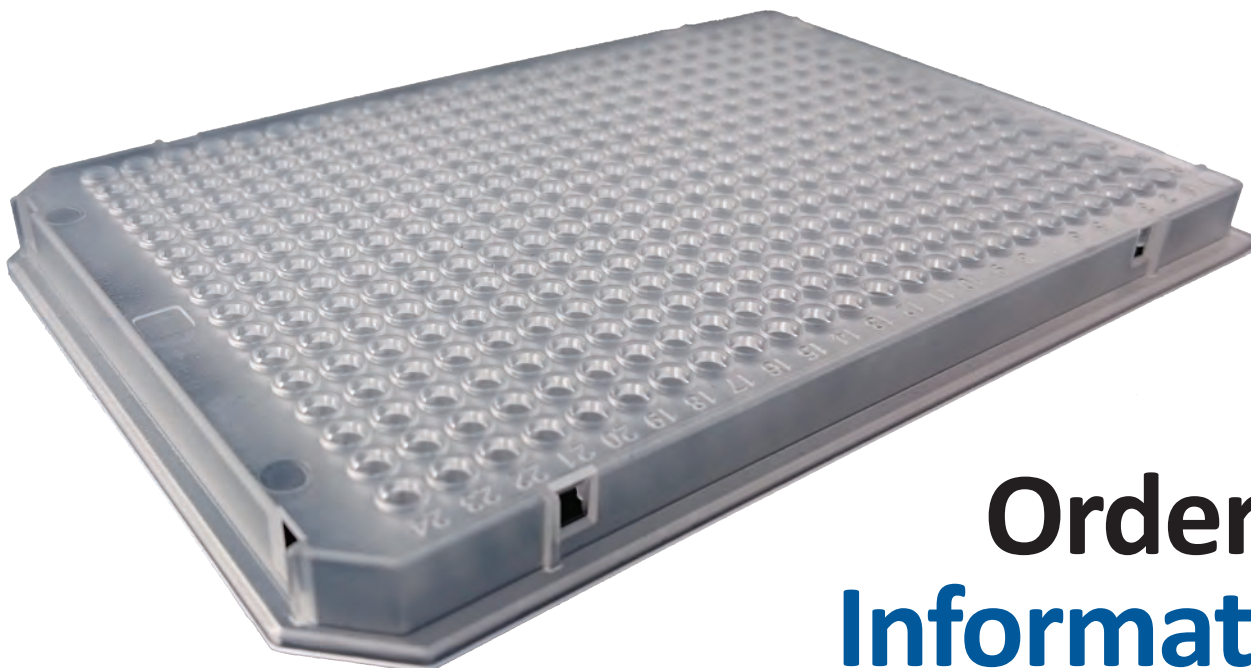
384 - WELL PCR PLATES

Capp **Expell 384-well PCR plates** are the ideal choice for PCR applications, thanks to their unique PP composition, their rigid form as well as the universal compatibility with basically all standard 384-well cyclers and many 384-well block (q)PCR cycler models.

The unique blend of PP used for the production of **Expell 384-well PCR plates** results in optimal transparency, which makes the plates ideal for PCR and qPCR applications where the optical qPCR signal is obtained through the bottom of the plate.

**Expell 384-well PCR plates** are rigid, flat, stackable and fully skirted. Apart from the universal compatibility with the standard cyclers, **Expell 384-well PCR plates** are also ideal for robotic applications, enabling high-throughput and low-volume processing.

The ultra thin walls of **Expell 384-well PCR plates** are specially threated to minimize the binding of proteins. Capp plates are DNA, DNase, RNA, RNase and Pyrogen free certified and autoclavable. They feature an extremely low evaporation grade of less than 3%, enabling processing PCR volumes as small as 5 $\mu$ L. Capp provides the optical adhesives (Cat. No. 5100400C) ensuring the most optimal closure of **Expell 384-well PCR plates**.



## Ordering Information

### Expell 384-well PCR plates

Cat. No.	Description
5100513C	Expell 384-well PCR Plates, natural, 320 pcs.
5100400C	Expell PCR Optical Disposable Adhesive, 100 pcs.

## Capp *Bravo*

SINGLE CHANNEL PIPETTE



### Highlights

- Lightweight ergonomic design
- Extremely user friendly
- Volume lock feature
- Stainless steel piston
- Universal tip cones
- Fully autoclavable



## ecopipette<sup>™</sup> by CAPP

SINGLE CHANNEL PIPETTES



### Highlights

- Lockable volume controller
- Low forces for aspiration & blow-out
- The only pipette with fixed & variable plungers
- Double o-ring for optimal tip seal
- Robust design with metal tip base
- Fully autoclavable



## Capp *Maestro*

SINGLE CHANNEL PIPETTE



### Highlights

- Fully coloured OLED display
- Lightweight construction
- Large tip ejector
- User-friendly, intuitive interface
- Protocol switch by 2 clicks
- Long lasting performance
- Calibration & password setting

## Capp *Tronic*

ELECTRONIC MULTICHANNEL PIPETTE



### Highlights

- Extremely user-friendly
- Memory capacity up to 9 protocols
- One-side programming manual
- Long-life lithium battery
- Ultimate performance
- Wide tip compatibility



## Capp *Aero96*

MULTICHANNEL PIPETTE



### Highlights

- Easily exchangeable counter
- Highly ergonomic tip ejection lever
- Fully autoclavable body
- Metallic tip cone with double o-rings
- Single channel accuracy and precision



## Capp *R10*

MECHANICAL REPEATER



### Highlights

- Elegant & ergonomic design
- Highly robust
- Wider range of retips

## Capp *Tempo*

PIPETTE CONTROLLER



### Highlights

- Digital display
- Adjustable speeds
- Electronic Brake System (EBS)



## Capp *Aero384*

MULTICHANNEL PIPETTE



### Highlights

- Unique line for 384-well pipetting
- Highly ergonomic tip ejection lever
- Superior accuracy & precision
- Fully autoclavable



## Capp *Rondo*

BENCHTOP EQUIPMENT



### Highlights

- Uniquely elegant range of benchtop instruments, including: multiple centrifuges, mixers, plate shakers and magnetic stirrers.





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