

# Glasses, bottles & caps

Storage and Closure



# Culture tubes and glasses

## **Culture bottles for the cultivation, transport and long-term storage**

We offer a large variety of culture glasses and bottles with screw caps.

Our vessels are especially suitable for transport, despatch and long-term storage.

The glasses are delivered completely with screw cap made of aluminium respectively plastic including a rubber gasket.

### **Aluminium screw cap**

- autoclavable
- sterilizable

### **Plastic screw cap**

- steam-autoclavable at 121 °C
- sterilizable

### **Replacement screw caps available for**

- Test tubes
- Culture tubes
- Culture bottles

## **Test tubes with screw cap**



Made of borosilicate glass, strong-walled, 1.1 mm. The wide neck makes it easy to inoculate and clean.

## **Culture tubes with screw cap**



Made of soda-lime glass, partly with frosted labeling space.

## **Storage cases for culture tubes**

Two sizes of cases are available for storage and transport of culture tubes.



**Storage case P**  
Made of polystyrene.  
For 50 glasses 35 x 12 mm.



**Storage case H**  
Made of wood.  
For 100 glasses 50 x 14 mm.

## **Culture bottles, flat, octagonal**



## **Culture bottles, round**

Made of clear glass.  
DIN-standard.



## **Cultivation glasses**



Ideal for the cultivation of cell cultures.

The roundrim glasses with straight sidewalls and loose lids are designed for growing and cultivating cultures.

The glasses stand firmly on the bottom even when empty and are stackable to save space.

The glasses are available with 250, 500 or 750 ml capacity. The covers can be fixed with clamps made of metal (optional).

# Caps

## **Caps for sterile closing of vessels**

Microbiological, bacteriological and biotechnical laboratories have various needs to seal test tubes or other glass or plastic vessels.

We offer a large range of caps in different sizes and styles.

### **Advantages of our caps**

- stainless
- washable/reusable
- heat-resistant
- sterilizable
- tight sealing
- air circulation is warranted
- different colours for recognition

### **Recommendation for cleaning**

The anodic oxidized coloured eloxal film of the aluminium caps is not resistant to alkaline detergents.

Therefore, we recommend the use of neutral cleaning supplies for cleaning, e.g. Extran MA02 neutral or P3 neutropon 5003, available on request.

Maximum temperature 140 °C.

*Made of aluminium, anodized in colour, anodic oxidized. Springs made of chromium-nickel-steel.*

### **CAP-O-TEST-caps**



*With clamp against the inner wall of the vessel.*

### **LABOCAP-caps with handle**



*With clamp against the outer wall of the vessel.*

### **LABOCAP-caps without handle**



*With clamp against the outer wall of the vessel.*

### **ERLENMEYER-CAP-caps**



*With clamp against the outer wall of the vessel. Special caps for culture flasks and culture media bottles with straight neck of Ø 38 mm.*

*Made of pure aluminium, matt-finished, without spring.*

### **ALU-STECK-caps**



*For placing loosely on top of vessels. Also suitable as open test vessels for a variety of other applications.*

## Ordering Information and Cat.-No.

## ALU-STECK-caps

| Inner-Ø | Height | qty | silver    |
|---------|--------|-----|-----------|
| 11 mm   | 25 mm  | 100 | 3.620 113 |
| 12 mm   | 25 mm  | 100 | 3.620 213 |
| 13 mm   | 25 mm  | 100 | 3.620 313 |
| 14 mm   | 25 mm  | 100 | 3.620 413 |
| 15 mm   | 25 mm  | 100 | 3.620 513 |
| 16 mm   | 30 mm  | 100 | 3.620 613 |
| 17 mm   | 30 mm  | 100 | 3.622 713 |
| 18 mm   | 30 mm  | 100 | 3.620 813 |

(continued in next column)

| Inner-Ø | Height | qty | silver    |
|---------|--------|-----|-----------|
| 20 mm   | 30 mm  | 100 | 3.620 913 |
| 22 mm   | 30 mm  | 100 | 3.621 113 |
| 28 mm   | 30 mm  | 100 | 3.621 213 |
| 32 mm   | 30 mm  | 100 | 3.621 313 |
| 39 mm   | 30 mm  | 10  | 3.621 413 |
| 44 mm   | 40 mm  | 10  | 3.621 513 |
| 48 mm   | 40 mm  | 10  | 3.621 613 |
| 55 mm   | 40 mm  | 10  | 3.621 713 |
| 58 mm   | 40 mm  | 10  | 3.621 813 |

## LABOCAP-caps with handle

| For glasses | qty | silver    | blue      | red       | yellow | green | brown | black | violet |
|-------------|-----|-----------|-----------|-----------|--------|-------|-------|-------|--------|
| 12/13 mm    | 100 | 3.623 113 | 3.623 123 | 3.623 133 | -      | -     | -     | -     | -      |
| 14/15 mm    | 100 | 3.623 213 | 3.623 223 | 3.623 233 | -      | -     | -     | -     | -      |
| 15/16 mm    | 100 | 3.623 313 | 3.623 323 | 3.623 333 | -      | -     | -     | -     | -      |
| 17/18 mm    | 100 | 3.623 413 | 3.623 423 | 3.623 433 | -      | -     | -     | -     | -      |
| 19/20 mm    | 100 | 3.623 513 | 3.623 523 | 3.623 533 | -      | -     | -     | -     | -      |

## LABOCAP-caps without handle

| For glasses | qty | silver    | blue      | red       | yellow    | green     | brown | black     | violet |
|-------------|-----|-----------|-----------|-----------|-----------|-----------|-------|-----------|--------|
| 09/10 mm    | 100 | 3.624 113 | -         | -         | -         | -         | -     | -         | -      |
| 12/13 mm    | 100 | 3.624 213 | 3.624 223 | 3.624 233 | 3.624 243 | 3.624 253 | -     | -         | -      |
| 14/15 mm    | 100 | 3.624 313 | 3.624 323 | 3.624 333 | -         | -         | -     | -         | -      |
| 15/16 mm    | 100 | 3.624 413 | 3.624 423 | 3.624 433 | 3.624 443 | 3.624 453 | -     | 3.624 473 | -      |
| 17/18 mm    | 100 | 3.624 513 | 3.624 523 | 3.624 533 | 3.624 543 | 3.624 553 | -     | -         | -      |
| 19/20 mm    | 100 | 3.624 613 | 3.624 623 | 3.624 633 | -         | -         | -     | -         | -      |
| 21/23 mm    | 100 | 3.624 713 | -         | -         | -         | -         | -     | -         | -      |
| 24/26 mm    | 100 | 3.624 813 | -         | -         | -         | -         | -     | -         | -      |
| 28/30 mm    | 100 | 3.624 913 | -         | -         | -         | -         | -     | -         | -      |

Other colours are available on special request.

## CAP-O-TEST-caps

| For glasses | qty | silver    | blue      | red       | yellow    | green     | brown     | black     | violet    |
|-------------|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 12/13 mm    | 100 | 3.626 113 | 3.626 123 | 3.626 133 | -         | -         | -         | -         | -         |
| 15/16 mm    | 100 | 3.626 313 | 3.626 323 | 3.626 333 | 3.626 343 | 3.626 353 | 3.626 363 | 3.626 373 | 3.626 383 |
| 16/17 mm    | 100 | 3.626 413 | 3.626 423 | 3.626 433 | 3.626 443 | 3.626 453 | 3.626 463 | 3.626 473 | 3.626 483 |
| 17/18 mm    | 100 | 3.626 513 | 3.626 523 | 3.626 533 | -         | -         | -         | -         | -         |
| 19/20 mm    | 100 | 3.626 613 | 3.626 623 | 3.626 633 | -         | -         | -         | -         | -         |
| 24/26 mm    | 50  | 3.626 813 | 3.626 823 | 3.626 833 | -         | -         | -         | -         | -         |

Other colours are available on special request.

## ERLENMEYER-CAP-caps

| For glasses | qty | silver    | blue      | red       |
|-------------|-----|-----------|-----------|-----------|
| 37/39 mm    | 10  | 3.627 113 | 3.627 123 | 3.627 133 |

## Test tubes with screw cap (qty=100)

|             |               | Aluminium | Plastic   | Replacement screw cap (qty=100) |
|-------------|---------------|-----------|-----------|---------------------------------|
|             |               | Aluminium | Plastic   |                                 |
| 98 x 16 mm  | approx. 15 ml | 3.560 103 | 3.561 103 | 3.569 173 3.570 173             |
| 150 x 16 mm | approx. 20 ml | 3.560 163 | 3.561 163 | 3.569 173 3.570 173             |
| 150 x 25 mm | approx. 50 ml | -         | 3.561 253 | - 3.570 243                     |

## Culture tubes with screw cap (qty=100)

|                                          |               | Aluminium | Plastic   | Replacement screw cap (qty=100) |
|------------------------------------------|---------------|-----------|-----------|---------------------------------|
|                                          |               | Aluminium | Plastic   |                                 |
| 35 x 12 mm                               | approx. 3 ml  | 3.562 123 | -         | 3.569 123 -                     |
| 50 x 14 mm (with frosted labeling space) | approx. 5 ml  | 3.562 143 | 3.563 143 | 3.569 143 3.570 143             |
| 45 x 27 mm                               | approx. 15 ml | -         | 3.563 423 | - 3.570 253                     |
| 50 x 27 mm                               | approx. 20 ml | -         | 3.563 523 | - 3.570 253                     |
| 75 x 27 mm                               | approx. 30 ml | -         | 3.563 623 | - 3.570 253                     |

## Storage case for culture tubes

|                                             |           |
|---------------------------------------------|-----------|
| Storage case P (for 50 glasses 35 x 12 mm)  | 3.564 123 |
| Storage case H (for 100 glasses 50 x 14 mm) | 3.564 143 |

## Culture bottles, flat, octagonal, with screw cap (qty=10)

|        | Aluminium | Plastic   | Replacement screw cap (qty=100) |
|--------|-----------|-----------|---------------------------------|
|        | Aluminium | Plastic   |                                 |
| 50 ml  | 3.565 053 | 3.566 053 | 3.569 223 3.570 223             |
| 100 ml | 3.565 103 | 3.566 103 | 3.569 223 3.570 223             |
| 250 ml | 3.565 253 | 3.566 253 | 3.569 223 3.570 223             |
| 500 ml | 3.565 503 | 3.566 503 | 3.569 253 3.570 253             |

## Culture bottles, round, with screw cap (qty=10)

|        | Aluminium | Plastic   | Replacement screw cap (qty=100) |
|--------|-----------|-----------|---------------------------------|
|        | Aluminium | Plastic   |                                 |
| 30 ml  | 3.567 033 | 3.568 033 | 3.569 183 3.570 183             |
| 50 ml  | 3.567 053 | 3.568 053 | 3.569 183 3.570 183             |
| 100 ml | 3.567 103 | 3.568 103 | 3.569 223 3.570 223             |
| 250 ml | 3.567 253 | 3.568 253 | 3.569 223 3.570 223             |
| 500 ml | 3.567 503 | 3.568 503 | 3.569 253 3.570 253             |

|           |           |           |           |
|-----------|-----------|-----------|-----------|
| 1000 ml   |           |           |           |
| 3.567 993 | 3.568 993 | 3.569 283 | 3.570 283 |

## Cultivation glasses (qty=6)

|                          |           |
|--------------------------|-----------|
| 250 ml                   | 3.571 253 |
| 500 ml                   | 3.571 503 |
| 750 ml                   | 3.571 753 |
| Clamps, metal (qty=20)   | 3.571 993 |
| suitable for all 3 sizes |           |

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