

# 07

GLASSWARE FOR  
MICROBIOLOGY

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## GLASSWARE FOR MICROBIOLOGY

Due to its high thermal-shock resistance, DURAN® microbiology glassware is ideal for auto-claving and sterilisation processes and shows, even after multiple use no signs of wear. Unlike plastic items, it is very resistant to mechanical wear even after repeated use and sterilisation cycles.

Due to the nearly inert behaviour, there are no interactions (e.g. ion exchange) between medium and glass and any spurious influence on experiments is thereby effectively excluded.

DURAN® products are completely transparent in visible light and unlike many plastic products are ideal for use under the microscope.

DUROPLAN® Petri dishes offer outstanding performance due to their distortion-free transparency and high planarity (flatness). These excellent geometrical properties enable uniform agar distribution and reproducible culture growth.

Alongside the Petri dishes, the DURAN® range includes a wide range of culture bottles, culture flasks, roller bottles and spot plates.

In addition, there are various types of staining dishes.

### Usage tips:

- Only autoclave products that are free from damage such as scratches, cracks or nicks.
- The outstanding thermal properties (max. operating temperature of +500 °C, thermal shock resistance  $\Delta T = 100$  K) enable high temperature processes, such as hot air sterilisation.

# 07



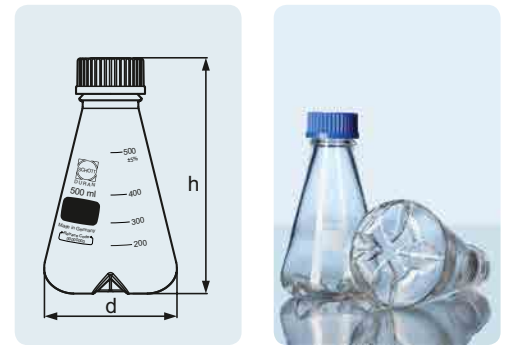
> Find your nearest **distributor** on our global network:  
[www.DWK-LifeSciences.com/DURAN/distributors](http://www.DWK-LifeSciences.com/DURAN/distributors)

Baffled flasks disrupt the circular laminar flow and cause additional turbulence. The baffles increase the gas exchange surface area of the liquid, and the oxygen uptake.

| Cat. No.                                    | Capacity (mL) | d (OD) (mm) | h (mm) | DIN Thread (GL) | Pack Unit |
|---|---------------|-------------|--------|-----------------|-----------|
| with membrane screw cap and pouring ring    |               |             |        |                 |           |
| 21 283 36 55                                | 250           | 85          | 145    | 45              | 4         |
| 21 283 44 54                                | 500           | 105         | 180    | 45              | 4         |
| 21 283 54 59                                | 1 000         | 135         | 221    | 45              | 1         |
| without membrane screw cap and pouring ring |               |             |        |                 |           |
| 21 283 54 01                                | 1 000         | 135         | 221    | 45              | 1         |
| 21 283 36 06                                | 250           | 85          | 145    | 45              | 4         |
| 21 283 44 05                                | 500           | 105         | 180    | 45              | 4         |

### DURAN® Baffled Flask

with GL 45 thread



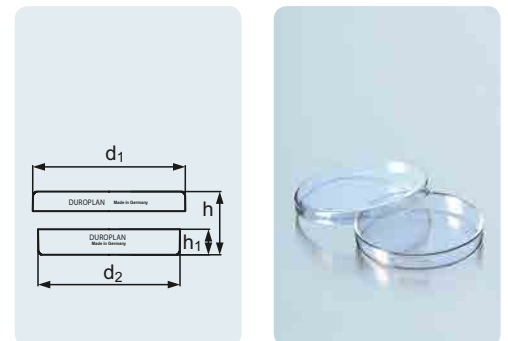
These Petri dishes are made from DURAN® borosilicate 3.3 glass using a special manufacturing process that permits the uniform distribution of agar and guarantees distortion-free observation.

Typical applications: biological and clinical research, cultivation of microorganism, microscopy.

| Cat. No.     | d <sub>1</sub> (OD) (mm) | d <sub>2</sub> (OD) (mm) | h (mm) | h <sub>1</sub> (mm) | Pack Unit |
|--------------|--------------------------|--------------------------|--------|---------------------|-----------|
| 21 755 41 01 | 60                       | 54                       | 22     | 20                  | 10        |
| 21 755 43 07 | 80                       | 74                       | 22     | 20                  | 10        |
| 21 755 46 07 | 100                      | 94                       | 17     | 15                  | 10        |
| 21 755 48 04 | 100                      | 94                       | 22     | 20                  | 10        |
| 21 755 51 06 | 120                      | 114                      | 22     | 20                  | 10        |
| 21 755 53 03 | 150                      | 143                      | 32     | 30                  | 10        |

### DUROPLAN® Petri Dish

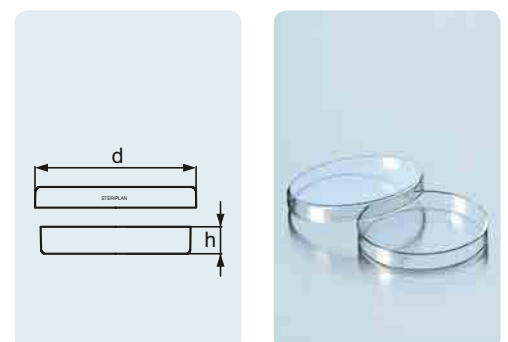
lid and base have planar surfaces, and free from bubbles and streaks



| Cat. No.     | d (OD) (mm) | h (mm) | Pack Unit |
|--------------|-------------|--------|-----------|
| 23 755 39 03 | 40          | 12     | 10        |
| 23 755 40 08 | 60          | 15     | 10        |
| 23 755 42 05 | 80          | 15     | 10        |
| 11 840 71    | 90          | 15     | 10        |
| 23 755 45 05 | 100         | 10     | 10        |
| 23 755 46 08 | 100         | 15     | 10        |
| 23 755 48 05 | 100         | 20     | 10        |
| 23 755 51 07 | 120         | 20     | 10        |
| 23 755 52 01 | 150         | 25     | 10        |
| 23 755 56 04 | 180         | 30     | 10        |
| 23 755 59 04 | 200         | 30     | 10        |
| 23 755 61 03 | 200         | 45     | 10        |

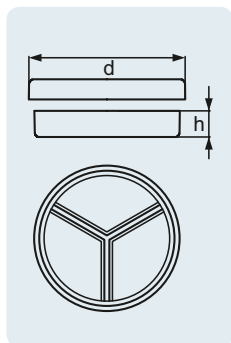
### STERIPLAN® Petri Dish

from Soda-lime Glass



## DURAN® Petri Dish

pressed



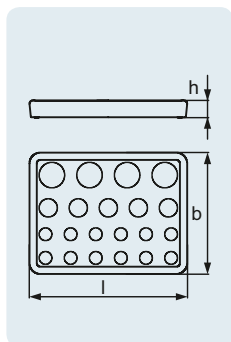
Bottom of the base has three knobs for stability.

Typical applications: biological and clinical work, preparation of agars, microscopy.

| Cat. No.         | d (OD) (mm) | h (mm) | Pack Unit |
|------------------|-------------|--------|-----------|
| without sections |             |        |           |
| 21 754 46 06     | 100         | 15     | 10        |
| 21 754 48 03     | 100         | 20     | 10        |
| Half-sectional   |             |        |           |
| 21 750 48 08     | 100         | 20     | 10        |
| Three-sectional  |             |        |           |
| 21 753 48 02     | 100         | 20     | 10        |
| Four-sectional   |             |        |           |
| 21 752 48 01     | 100         | 20     | 10        |

## Spot Plate Type Feigl

from Soda-lime Glass

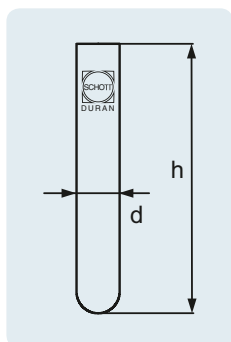


Typical application: observation of reactions and colour changes.

| Cat. No.     | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|--------|--------|--------|-----------|
| 23 671 52 08 | 14     | 130    | 100    | 10        |

## DURAN® Centrifuge Tube

with round bottom



Centrifuge tubes are very resistant to mechanical loading. The higher density fraction collects in the bottom. Consequently solids can be collected and separated.

| Cat. No.     | d (OD) (mm) | h (mm) | Nominal capacity (mL) | Remark        | Pack Unit |
|--------------|-------------|--------|-----------------------|---------------|-----------|
| 21 601 10 04 | 12          | 100    | 6                     |               | 50        |
| 21 601 11 07 | 16          | 100    | 12                    |               | 50        |
| 21 601 14 07 | 24          | 100    | 25                    |               | 10        |
| 21 601 17 07 | 34          | 100    | 50                    |               | 10        |
| 21 601 24 03 | 40          | 115    | 80                    | Non-DIN size. | 10        |
| 21 601 26 09 | 44          | 100    | 80                    |               | 10        |
| 21 601 36 05 | 56          | 147    | 250                   | Non-DIN size. | 10        |

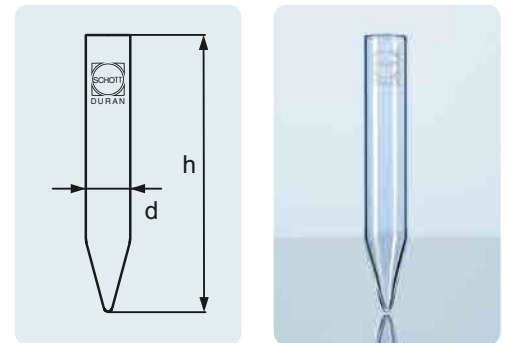


Centrifuge tubes are very resistant to mechanical loading. The higher density fraction collects in the pointed centre of the bottom. Consequently even small amounts of solids can be collected and separated.

| Cat. No.     | d (OD) (mm) | h (mm) | Nominal capacity (mL) | Pack Unit |
|--------------|-------------|--------|-----------------------|-----------|
| 24 263 09 01 | 16          | 100    | 12                    | 50        |

### DURAN® Centrifuge Tube

conical bottom, angle 30°

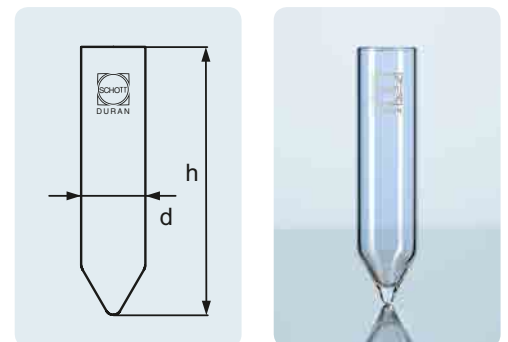


Centrifuge tubes are very resistant to mechanical loading. The higher density fraction collects in the pointed centre of the bottom. Consequently even small amounts of solids can be collected and separated.

| Cat. No.     | d (OD) (mm) | h (mm) | Nominal capacity (mL) | Pack Unit |
|--------------|-------------|--------|-----------------------|-----------|
| 21 611 14 05 | 24          | 100    | 25                    | 10        |
| 21 611 17 05 | 34          | 100    | 50                    | 10        |

### DURAN® Centrifuge Tube

conical bottom, angle 60°



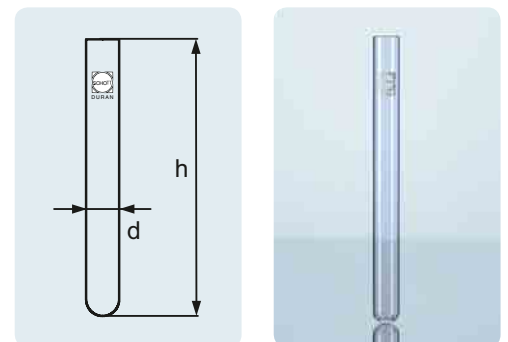
The straight rim permits the use of Kapsenberg caps; tubes are therefore well suited to the culture of micro-organisms (Kapsenberg caps article no. 29 010 09 09 and 29 010 11 08).

Typical applications: growth and storage of sterile cultures.

| Cat. No.     | d (OD) (mm) | h (mm) | Volume approx. (mL) | Wall thickness (mm) | Pack Unit |
|--------------|-------------|--------|---------------------|---------------------|-----------|
| 26 132 21 08 | 16          | 160    | 20                  | 1.0 – 1.2           | 100       |
| 26 132 23 05 | 18          | 180    | 30                  | 1.0 – 1.2           | 100       |

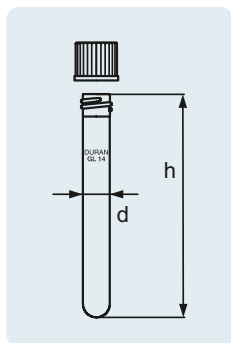
### DURAN® Culture Tube

straight rim, for Kapsenberg caps



## DURAN® Culture Tube

with DIN thread, and screw cap from PBT



A  
121 °C

USP  
Standard

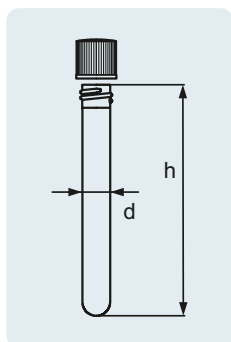
The DIN thread permits the use of PBT screw caps; tubes are therefore well suited to the culture of micro-organisms. The contents only come into contact with the glass and PTFE coating of the cap liner.

Typical applications: growing and storage of sterile cultures.

| Cat. No.          | d (OD) (mm) | h (mm) | DIN Thread (GL) | Volume approx. (mL) | Pack Unit |
|-------------------|-------------|--------|-----------------|---------------------|-----------|
| with screw cap    |             |        |                 |                     |           |
| 26 135 11 55      | 12          | 100    | 14              | 6                   | 50        |
| 26 135 12 58      | 13          | 100    | 14              | 9                   | 50        |
| 26 135 21 51      | 16          | 160    | 18              | 20                  | 50        |
| 26 135 22 54      | 16          | 150    | 18              | 20                  | 50        |
| 26 135 24 51      | 20          | 150    | 18              | 34                  | 50        |
| 26 135 23 57      | 18          | 180    | 18              | 30                  | 50        |
| without screw cap |             |        |                 |                     |           |
| 26 135 11 06      | 12          | 100    | 14              | 6                   | 50        |
| 26 135 12 09      | 13          | 100    | 14              | 9                   | 50        |
| 26 135 21 02      | 16          | 160    | 18              | 20                  | 50        |
| 26 135 22 05      | 16          | 150    | 18              | 20                  | 50        |
| 26 135 24 02      | 20          | 150    | 18              | 34                  | 50        |
| 26 135 23 08      | 18          | 180    | 18              | 30                  | 50        |

## Disposable Culture Tube

from Soda-lime Glass, with DIN thread, and PP screw cap



Tmax.  
140 °C

Screw cap from PP with cap liner.

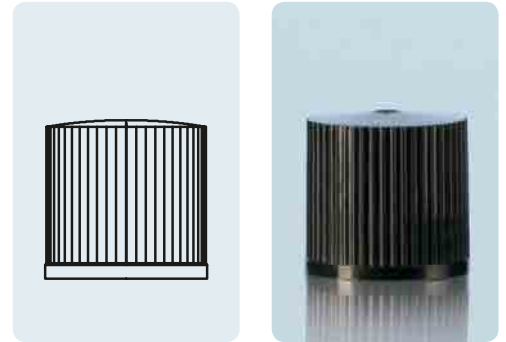
| Cat. No.      | d (OD) (mm) | h (mm) | DIN Thread (GL) | Volume approx. (mL) | Wall thickness (mm) | Pack Unit |
|---------------|-------------|--------|-----------------|---------------------|---------------------|-----------|
| with TPE seal |             |        |                 |                     |                     |           |
| 23 175 11 59  | 12          | 100    | 14              | 6                   | 1                   | 100       |
| 23 175 14 59  | 16          | 100    | 18              | 12                  | 1                   | 100       |
| 23 175 21 55  | 16          | 160    | 18              | 22                  | 1                   | 100       |
| 23 175 23 52  | 18          | 180    | 18              | 32                  | 1                   | 100       |

With seal from TPE.

| Cat. No.     | DIN Thread (GL) | Pack Unit |
|--------------|-----------------|-----------|
| 29 990 12 04 | 14              | 100       |
| 29 990 13 07 | 18              | 100       |

### Screw Cap for Culture Tubes

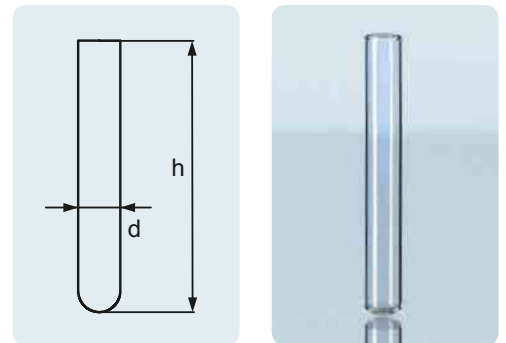
with seal



| Cat. No.     | d (OD) (mm) | h (mm) | Volume approx. (mL) | Wall thickness (mm) | Pack Unit |
|--------------|-------------|--------|---------------------|---------------------|-----------|
| 23 172 01 84 | 9.75        | 75     | 4                   | 0.8                 | 814       |
| 23 172 03 65 | 10.00       | 75     | 4                   | 0.6                 | 766       |
| 23 172 05 87 | 11.75       | 75     | 5                   | 0.8                 | 550       |
| 23 172 08 62 | 11.75       | 75     | 6                   | 0.55                | 550       |
| 23 172 09 65 | 12.25       | 75     | 7                   | 0.55                | 500       |
| 23 172 09 98 | 12.25       | 75     | 6                   | 0.8                 | 500       |
| 23 172 07 84 | 11.75       | 100    | 8                   | 0.8                 | 550       |
| 23 172 11 97 | 12.25       | 100    | 9                   | 0.8                 | 500       |
| 23 172 14 89 | 15.50       | 100    | 14                  | 0.8                 | 310       |
| 23 172 10 94 | 15.75       | 100    | 15                  | 0.9                 | 310       |
| 23 172 12 83 | 12.25       | 120    | 18                  | 0.8                 | 500       |
| 23 172 18 83 | 10.00       | 150    | 8                   | 0.8                 | 766       |
| 23 172 19 86 | 15.50       | 150    | 19                  | 0.8                 | 310       |
| 23 172 21 93 | 15.50       | 160    | 22                  | 0.8                 | 310       |

### Disposable Culture Tube

from Soda-lime Glass, straight rim



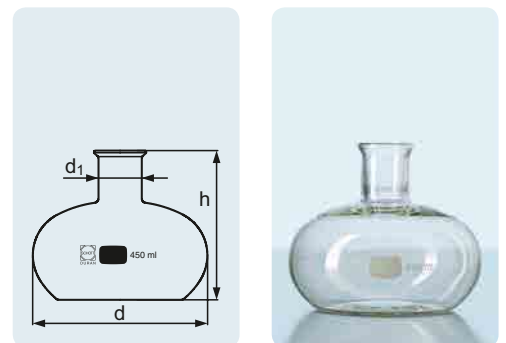
Large, flat, bottom surface allows uniform culture thickness.

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|--------------|---------------|-------------|--------------------------|--------|-----------|
| 21 501 43 07 | 450           | 117         | 29                       | 100    | 10        |

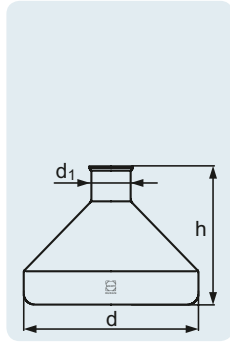
### DURAN® Culture Flask Fernbach Type

bulbous shape



**DURAN® Culture Flask Fernbach Type**

conical shape



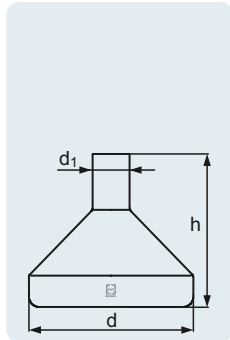
Large, flat, bottom surface allows uniform culture thickness.

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|--------------|---------------|-------------|--------------------------|--------|-----------|
| 21 511 62 03 | 1800          | 200         | 45                       | 158    | 2         |

**DURAN® Culture Flask Fernbach Type**

conical shape, straight neck for metal caps



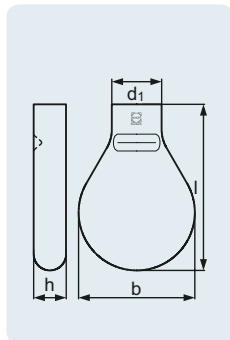
Large, flat, bottom surface allow uniform culture thickness. Compatible metal cap made from either stainless steel (Cat. no. 29 012 24 06) or anodised aluminium (Cat. no. 29 013 24 07) are available.

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|--------------|---------------|-------------|--------------------------|--------|-----------|
| 21 774 62 09 | 1800          | 200         | 38                       | 175    | 2         |

**DURAN® Culture Flask Kolle Type**

oval neck



Large, flat, bottom surface allows uniform culture thickness.

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d <sub>1</sub> (OD) (mm) | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|---------------|--------------------------|--------|--------|--------|-----------|
| 21 521 41 06 | 400           | 60                       | 39     | 200    | 140    | 10        |



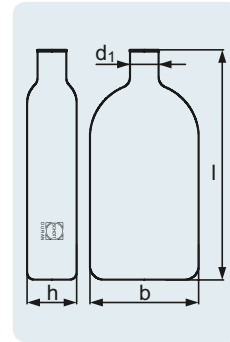
Large, flat, bottom surface allows uniform culture thickness.

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d, (OD) (mm) | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|---------------|--------------|--------|--------|--------|-----------|
| 21 541 58 01 | 1 200         | 33           | 56     | 260    | 123    | 10        |

### DURAN® Culture Flask Roux Type

round neck



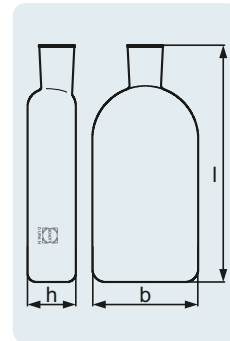
Large, flat, bottom surface allows uniform culture thickness.

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|---------------|--------|--------|--------|-----------|
| 21 571 58 04 | 1 200         | 56     | 275    | 123    | 10        |

### DURAN® Culture Flask Roux Type

conical neck, eccentric

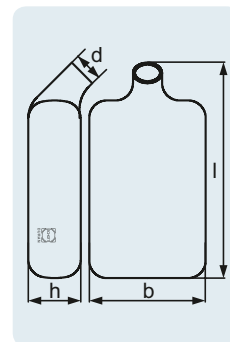


Large, flat bottom surface allows uniform culture thickness.

Typical application: preparation of cultures in nutrient media.

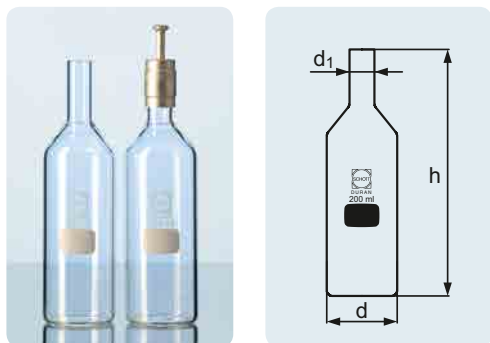
| Cat. No.     | Capacity (mL) | d (OD) (mm) | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|---------------|-------------|--------|--------|--------|-----------|
| 21 551 71 06 | 4 000         | 50          | 90     | 370    | 200    | 1         |

### DURAN® Penicillin Flask



## DURAN® Culture Bottle

straight rim, for Kapsenberg caps



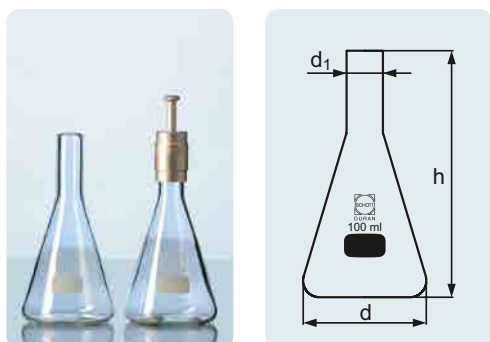
A suitable Kapsenberg cap (cat. no. 29 010 11 08) is available.

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Remark             | Pack Unit |
|--------------|---------------|-------------|--------------------------|--------|--------------------|-----------|
| 21 421 17 06 | 50            | 40          | 18                       | 107    |                    | 10        |
| 21 421 24 02 | 100           | 40          | 18                       | 150    |                    | 10        |
| 21 421 32 01 | 200           | 50          | 18                       | 175    | DIN 38 411, part 6 | 10        |

## DURAN® Erlenmeyer Flask

straight rim, for Kapsenberg caps



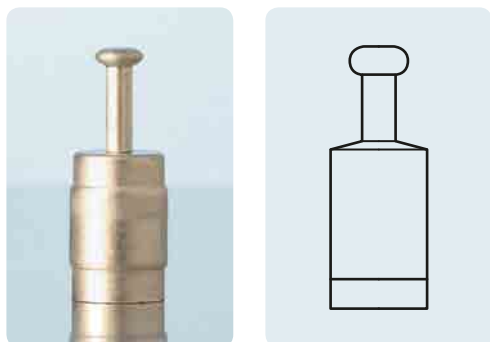
Conical geometry makes the flasks particularly suited for shaking experiments (e.g. media optimisation). A suitable Kapsenberg cap (Cat. no. 29 010 11 08) is available.

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|--------------|---------------|-------------|--------------------------|--------|-----------|
| 21 491 24 06 | 100           | 60          | 18                       | 120    | 10        |

## Kapsenberg Cap

from aluminium



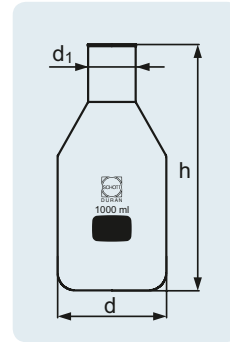
| Cat. No.     | Description   | For neck (mm) | Pack Unit |
|--------------|---|---------------|-----------|
| 29 010 09 09 | suitable for Culture tubes cat. no. 26 132 21 08  | 16            | 10        |
| 29 010 11 08 | suitable for Culture tubes cat. no. 26 132 23 05, Culture bottle cat. no. 21 421 17 06, 21 421 24 02, 21 421 32 01 and Erlenmeyer tubes cat. no. 21 491 24 06 | 18            | 10        |

Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|--------------|---------------|-------------|--------------------------|--------|-----------|
| 21 431 39 02 | 300           | 70          | 31                       | 168    | 10        |
| 21 431 44 01 | 500           | 83          | 46                       | 204    | 10        |
| 21 431 54 06 | 1 000         | 105         | 46                       | 238    | 10        |

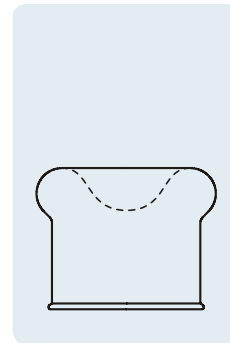
### DURAN® Culture Media Bottle

straight rim, for use with glass caps



| Cat. No.     | Description  | For neck (mm) | Pack Unit |
|--------------|--|---------------|-----------|
| 21 441 18 05 | suitable culture media bottle: cat. no. 21 431 39 02                           | 31            | 10        |
| 21 441 29 04 | suitable culture media bottle: cat. no. 21 431 44 01 and cat. no. 21 431 54 06 | 46            | 10        |

### DURAN® Glass Cap

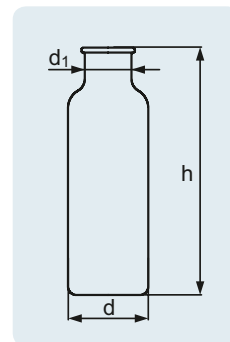


Typical application: preparation of cultures in nutrient media.

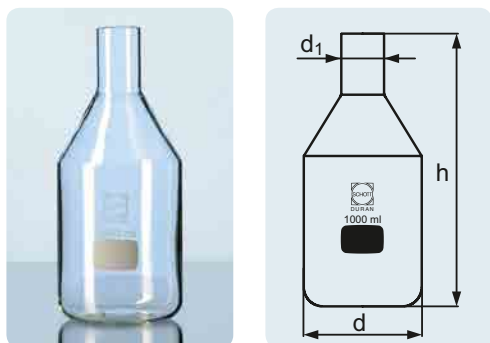
| Cat. No.     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|--------------|---------------|-------------|--------------------------|--------|-----------|
| 21 481 31 04 | 180           | 48          | 28                       | 148    | 10        |

### DURAN® Square Bottle

after Breed-Demeter



### DURAN® Culture Media Bottle

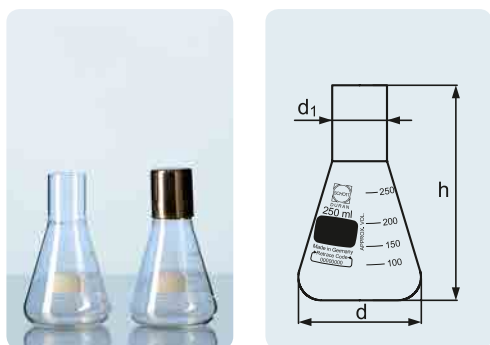


Typical application: preparation of cultures in nutrient media.

| Cat. No.                     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|------------------------------|---------------|-------------|--------------------------|--------|-----------|
| with beaded rim              |               |             |                          |        |           |
| 21 451 24 05                 | 100           | 50          | 29                       | 115    | 10        |
| 21 451 39 07                 | 300           | 70          | 42                       | 168    | 10        |
| 21 451 44 06                 | 500           | 83          | 42                       | 207    | 10        |
| 21 451 54 02                 | 1 000         | 105         | 46                       | 237    | 10        |
| 21 451 66 04                 | 2 500         | 150         | 50                       | 315    | 1         |
| 21 451 73 09                 | 5 000         | 185         | 54                       | 390    | 1         |
| straight neck for metal caps |               |             |                          |        |           |
| 21 773 24 03                 | 100           | 50          | 38                       | 125    | 10        |
| 21 773 39 05                 | 300           | 70          | 38                       | 170    | 10        |
| 21 773 44 04                 | 500           | 83          | 38                       | 208    | 10        |
| 21 773 54 09                 | 1 000         | 105         | 38                       | 243    | 10        |

### DURAN® Culture Flask Erlenmeyer Shape

straight neck for metal caps

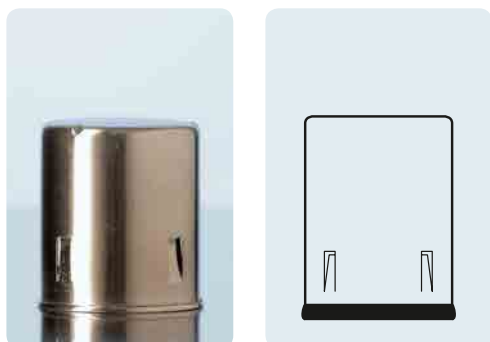


Conical geometry makes the flasks particularly suitable for shaking experiments (e.g. media optimisation). Erlenmeyer flasks with GL screw threads are also available

Typical application: Preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|--------------|---------------|-------------|--------------------------|--------|-----------|
| 21 771 24 01 | 100           | 64          | 38                       | 114    | 10        |
| 21 771 32 09 | 200           | 79          | 38                       | 138    | 10        |
| 21 771 36 03 | 250           | 85          | 38                       | 149    | 10        |
| 21 771 39 03 | 300           | 87          | 38                       | 161    | 10        |
| 21 771 44 02 | 500           | 105         | 38                       | 183    | 10        |
| 21 771 54 07 | 1 000         | 131         | 38                       | 229    | 10        |
| 21 771 63 09 | 2 000         | 166         | 38                       | 302    | 10        |

### Metal Cap



Suitable for: culture flask Cat. No. 21 771 XX XX, Cat. No. 21 774 62 09 and culture media bottle Cat. No. 21 773 XX XX.

| Cat. No.     | Material                 | For neck (mm) | Pack Unit |
|--------------|--------------------------|---------------|-----------|
| 29 012 24 06 | Stainless steel          | 38            | 10        |
| 29 013 24 07 | Aluminium, anodised blue | 38            | 10        |

In addition, the following individual parts are available: porcelain clamp closure (Cat. No. 29 701 08 03), replacement rubber seal (Cat. No. 29 990 31 02) and replacement silicone seal, autoclavable (Cat. No. 29 990 10 07).

Typical applications: sampling and cultivation.

| Cat. No.        | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|-----------------|---------------|-------------|--------------------------|--------|-----------|
| without closure |               |             |                          |        |           |
| 21 461 24 03    | 100           | 45          | 17                       | 135    | 10        |
| 21 461 36 05    | 250           | 57          | 17                       | 182    | 10        |
| 21 461 44 04    | 500           | 74          | 17                       | 218    | 10        |
| 21 461 54 09    | 1 000         | 95          | 17                       | 265    | 10        |

In addition, the following individual parts are available: porcelain clamp closure (Cat. No. 29 701 08 03), replacement rubber seal (Cat. No. 29 990 31 02) and replacement silicone seal, autoclavable (Cat. No. 29 990 10 07).

Typical applications: sampling and cultivation.

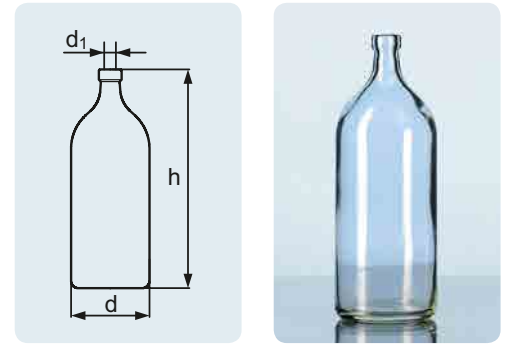
| Cat. No.           | Capacity (mL) | d (OD) (mm) | d <sub>1</sub> (OD) (mm) | h (mm) | Pack Unit |
|--------------------|---------------|-------------|--------------------------|--------|-----------|
| with clamp closure |               |             |                          |        |           |
| 21 465 24 07       | 100           | 45          | 17                       | 135    | 10        |
| 21 465 36 09       | 250           | 57          | 17                       | 182    | 10        |
| 21 465 44 08       | 500           | 74          | 17                       | 218    | 10        |
| 21 465 54 04       | 1 000         | 95          | 17                       | 265    | 10        |

With screw cap and pouring ring (blue, PP).

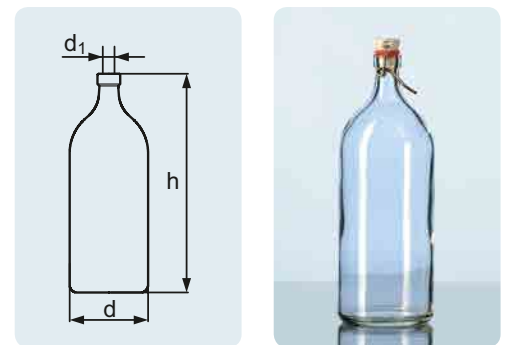
Typical application: preparation of cultures in nutrient media.

| Cat. No.     | Capacity (mL) | d (OD) (mm) | h (mm) | Pack Unit |
|--------------|---------------|-------------|--------|-----------|
| 21 772 68 56 | 2 000         | 110         | 285    | 2         |
| 21 772 86 51 | 3 500         | 110         | 450    | 1         |

### DURAN® Rolled Flange Bottle

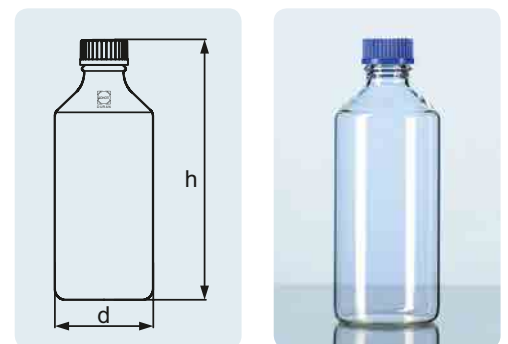


### DURAN® Rolled Flange Bottle

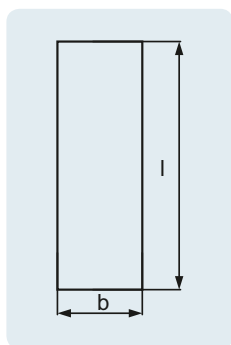


### DURAN® Roller Bottle for Cell Cultures

with DIN thread, GL 45



### Microscope Slides from Soda-lime Glass

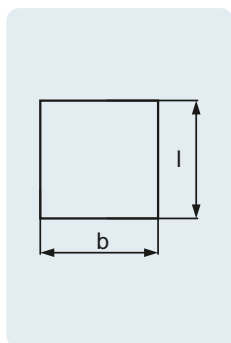


DIN ISO  
8037-1

The microscope slides are made from high quality float glass (soda-lime glass) of hydrolytic class 3. Particularly suitable for microscopic examinations. Designed for single use only. Uniform wettability due to flawless surface. It is not necessary to re-adjust the microscope.

| Cat. No.         | l (mm) | Colour                                | b (mm) | Pack Unit |
|------------------|--------|---------------------------------------|--------|-----------|
| with cut edges   |        |                                       |        |           |
| 23 550 11 03     | 76     |                                       | 26     | 30 x 50   |
| 23 550 12 06     | 76     | frosted end                           | 26     | 30 x 50   |
| ground edges 45° |        |                                       |        |           |
| 23 550 13 09     | 76     |                                       | 26     | 30 x 50   |
| 23 550 14 03     | 76     | frosted end                           | 26     | 30 x 50   |
| ground edges 90° |        |                                       |        |           |
| 23 550 22 02     | 76     | blue                                  | 26     | 30 x 50   |
| 23 550 21 08     | 76     | white                                 | 26     | 30 x 50   |
| 23 550 23 05     | 76     | yellow                                | 26     | 30 x 50   |
| 23 550 24 08     | 76     | white PRINT                           | 26     | 30 x 50   |
| 23 550 25 02     | 76     | white, adhesive with standard coating | 26     | 30 x 50   |
| 23 550 26 05     | 76     | white, adhesive ++                    | 26     | 30 x 50   |

### Cover Slips from D 263® M



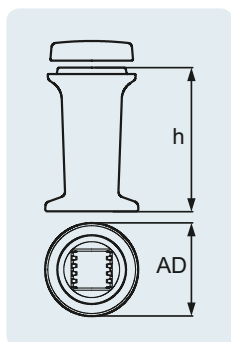
ISO  
8255-1

The cover slips are made from pure white borosilicate glass (D 263® M) i.e. absorption-free in the visible spectral range. Cover slips are used as covering material and for fixing preparations during microscopic examinations. They also ensure the distribution of droplets on the microscope slide.

| Cat. No.     | l (mm) | Wall thickness (mm)    | b (mm) | Pack Unit |
|--------------|--------|------------------------|--------|-----------|
| 23 550 31 04 | 18     | #1                     | 18     | 10 x 100  |
| 23 550 32 07 | 22     | #1                     | 22     | 10 x 100  |
| 23 550 33 01 | 40     | #1                     | 24     | 10 x 100  |
| 23 550 34 04 | 50     | #1                     | 24     | 10 x 100  |
| 23 550 35 07 | 50     | #1.5 Automatic machine | 24     | 10 x 100  |
| 23 550 36 01 | 60     | #1                     | 24     | 10 x 100  |
| 23 550 37 04 | 60     | #1.5 Automatic machine | 24     | 10 x 100  |

### Staining Jar Coplin Type

from Soda-lime Glass



For 10 microscope slides 76 x 26 mm. Note: Do not clean staining dishes and staining jars at temperatures above 60 °C (glass corrosion is possible).

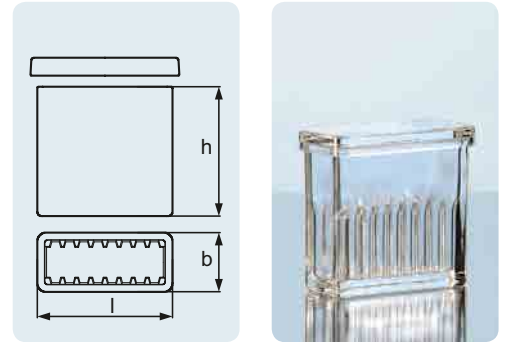
| Cat. No.     | h (mm) | Outer diameter (AD) (mm) | Pack Unit |
|--------------|--------|--------------------------|-----------|
| 23 319 00 06 | 108    | 66                       | 10        |

For 10 microscope slides 76 x 26 mm. Note: Do not clean staining dishes and staining jars at temperatures above 60 °C (glass corrosion is possible).

| Cat. No.     | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|--------|--------|--------|-----------|
| 23 314 00 01 | 90     | 90     | 40     | 10        |

### Staining Dish Hellendahl Type

from Soda-lime Glass, straight sided

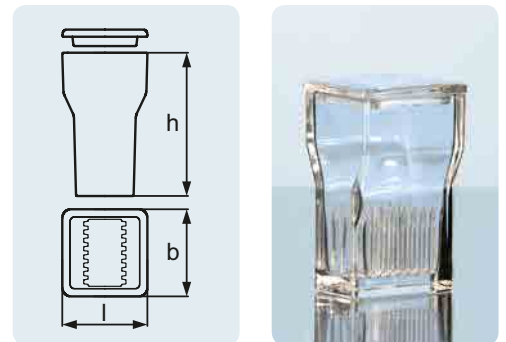


For 16 microscope slides 76 x 26 mm, with widening towards the top. Note: Do not clean staining dishes and staining jars at temperatures above 60 °C (glass corrosion is possible).

| Cat. No.     | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|--------|--------|--------|-----------|
| 23 315 00 02 | 100    | 60     | 60     | 10        |

### Staining Dish Hellendahl Type

from Soda-lime Glass

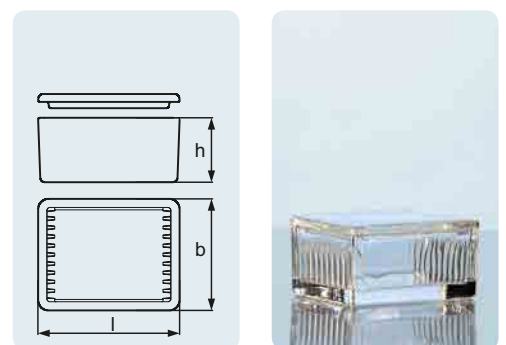


For 10 microscope slides 76 x 26 mm. Note: Do not clean staining dishes and staining jars at temperatures above 60 °C (glass corrosion is possible).

| Cat. No.     | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|--------|--------|--------|-----------|
| 23 316 00 03 | 40     | 90     | 70     | 10        |

### Staining Dish Schiefferdecker Type

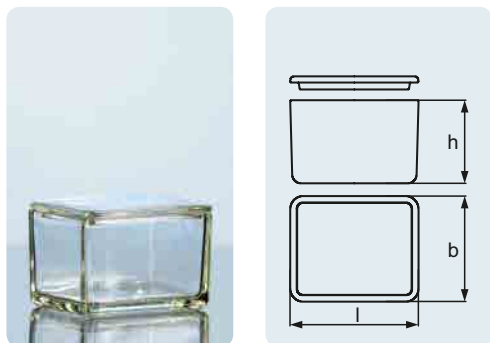
from Soda-lime Glass



## 07 GLASSWARE FOR MICROBIOLOGY

### Glass Box from Soda-lime Glass

for staining tray 21 317 00 03

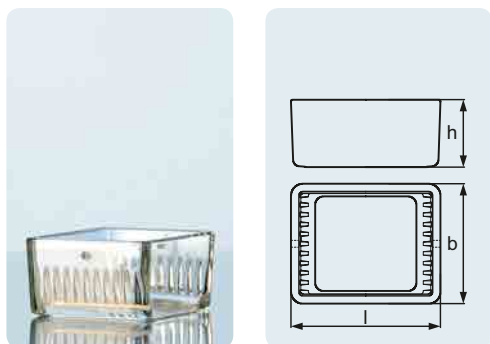


Note: Do not clean staining dishes and staining jars at temperatures above 60 °C (glass corrosion is possible).

| Cat. No.     | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|--------|--------|--------|-----------|
| 23 318 00 05 | 70     | 108    | 90     | 10        |

### DURAN® Staining Tray

For 10 microscope slides 76 x 26 mm or each width up to 52 mm.

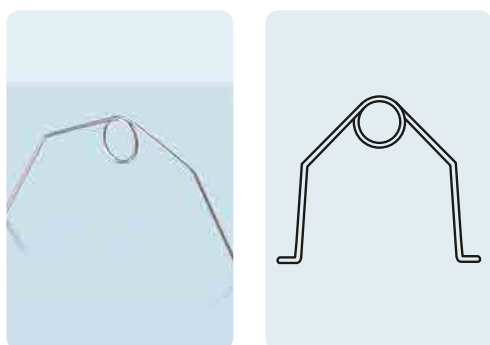


| Cat. No.     | h (mm) | l (mm) | b (mm) | Pack Unit |
|--------------|--------|--------|--------|-----------|
| 21 317 00 03 | 70     | 88     | 40     | 10        |



### Stainless Steel Handle

for staining tray



| Cat. No.     | Pack Unit |
|--------------|-----------|
| 29 075 00 02 | 10        |



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