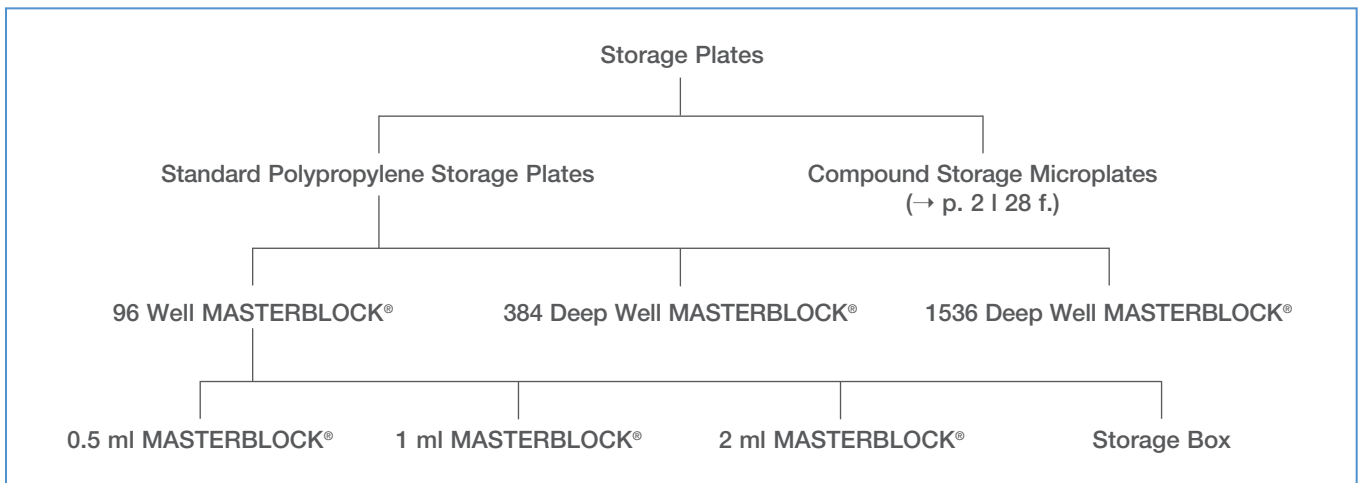


Storage Plates

Greiner Bio-One polypropylene microplates are perfect storage plates for active agents, patient samples or biomolecules. Their most important properties are biological inertness, resistance to numerous solvents commonly used in the laboratory, such as DMSO and temperature resistance from -196 °C to +121 °C.

The footprint is compatible with automated systems. The microplates are also characterised by elevated well walls which make it possible to easily seal them.



➤ Further 96 well polypropylene microplates can be found on p. 2 | 10

➤ Compound storage microplates can be found on p. 2 | 28

➤ Further 384 well polypropylene microplates can be found on p. 2 | 15

96 Well Polypropylene MASTERBLOCK®

The 0.5 ml, 1 ml, and 2 ml MASTERBLOCK® (Fig. 1 – 3) are ideal microplates for storing non-human sample material but are also ideal for cultivating bacteria or yeast.

- Uniform external dimensions and tolerances
- Alphanumeric well coding
- High chemical resistance
- High temperature resistance (-196 °C to +121 °C)
- Sealable with adhesive films and heat sealer
- Sealable with CapMats (→ p. 12 | 7)
- Available in natural, red, green, yellow or blue
- Available sterile or non-sterile
- Barcode-labelled on request (→ p. 14 | 4)

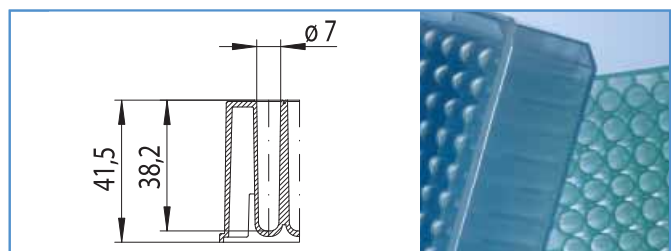


Figure 2:
Well profile: 1 ml MASTERBLOCK®, polypropylene
Total volume: 1.22 ml
Working volume: 0.05 – 1.1 ml (at RT)
0.05 – 1.0 ml (at -20 °C)

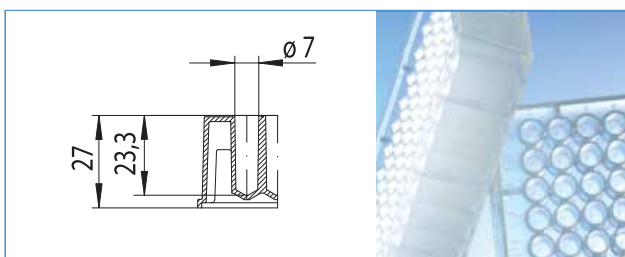


Figure 1:
Well profile: 0.5 ml MASTERBLOCK®, polypropylene
Total volume: 0.78 ml
Working volume: 0.03 – 0.65 ml (at RT)
0.03 – 0.55 ml (at -20 °C)

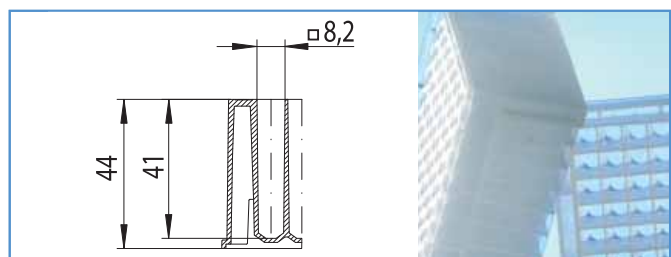


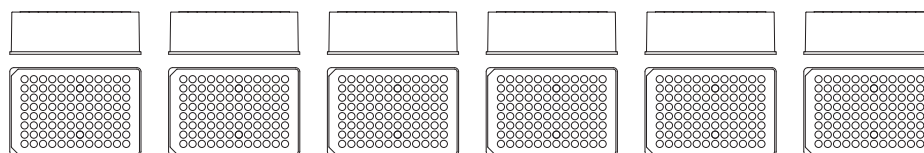
Figure 3:
Well profile: 2 ml MASTERBLOCK®, polypropylene
Total volume: 2.42 ml
Working volume: 0.1 – 2.1 ml (at RT)
0.1 – 2.0 ml (at -20 °C)



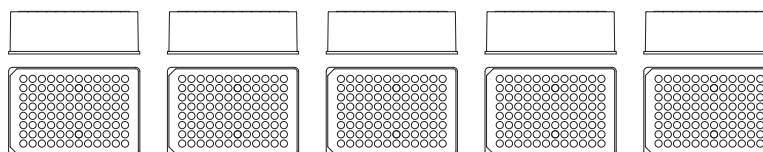
96 Well MASTERBLOCK® 1 ml

- ▶ 96 Well Polypropylene Microplates p. 2 | 10
- ▶ CapMats p. 12 | 7

Free of detectable
DNase, RNase,
human DNA
non-pyrogenic



| Cat.-No. | 780 201 | 780 215 | 780 206 | 780 203 | 780 204 | 780 205 |
|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Volume [ml] | 1 | 1 | 1 | 1 | 1 | 1 |
| Well profile | U-bottom | U-bottom | U-bottom | U-bottom | U-bottom | U-bottom |
| Bottom | solid | solid | solid | solid | solid | solid |
| Colour | natural | natural | yellow | red | blue | green |
| Binding | - | - | - | - | - | - |
| Sterile | - | - | - | - | - | - |
| Suitable CapMats, Cat.-No. | 381 070, 381 061 | 381 070, 381 061 | 381 070, 381 061 | 381 070, 381 061 | 381 070, 381 061 | 381 070, 381 061 |
| Quantity per bag/case | 1/50 | 5/50 | 1/50 | 1/50 | 1/50 | 1/50 |



| Cat.-No. | 780 261 | 780 263 | 780 264 | 780 265 | 780 266 |
|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Volume [ml] | 1 | 1 | 1 | 1 | 1 |
| Well profile | U-bottom | U-bottom | U-bottom | U-bottom | U-bottom |
| Bottom | solid | solid | solid | solid | solid |
| Colour | natural | red | blue | green | yellow |
| Binding | - | - | - | - | - |
| Sterile | + | + | + | + | + |
| Suitable CapMats, Cat.-No. | 381 070, 381 061 | 381 070, 381 061 | 381 070, 381 061 | 381 070, 381 061 | 381 070, 381 061 |
| Quantity per bag/case | 1/50 | 1/50 | 1/50 | 1/50 | 1/50 |

1 Cell/
Tissue Culture

2 HTS-
Microplates

3 Immunology/
HLA

4 Microbiology/
Bacteriology

5 Tubes/Multi-
Purpose Beakers

6 Liquid
Handling

7 Molecular
Biology

8 Protein
Crystallisation

9 Separation

10 Biochips/
Microfluidics

11 Cryo-
Technics

12 Lids/Sealers/
CapMats

13 Reaction Tubes/
Analyser Cups

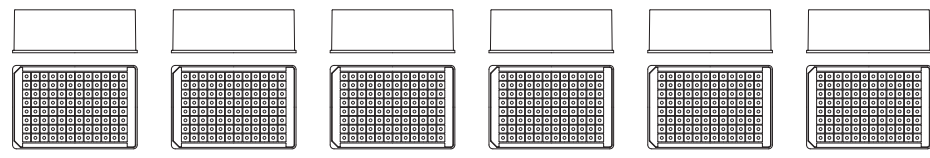
14 Accessories



96 Well MASTERBLOCK® 2 ml and 0.5 ml

- ▶ 96 Well Polypropylene Microplates p. 2 | 10
- ▶ CapMats p. 12 | 7

Free of detectable
DNase, RNase,
human DNA
non-pyrogenic



| Cat.-No. | 780 270 | 780 271 | 780 273 | 780 274 | 780 275 | 780 276 |
|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Volume [ml] | 2 | 2 | 2 | 2 | 2 | 2 |
| Well profile | V-bottom | V-bottom | V-bottom | V-bottom | V-bottom | V-bottom |
| Bottom | solid | solid | solid | solid | solid | solid |
| Colour | natural | natural | red | blue | green | yellow |
| Binding | - | - | - | - | - | - |
| Sterile | - | + | + | + | + | + |
| Suitable CapMats, Cat.-No. | 381 080, 381 081 | 381 080, 381 081 | 381 080, 381 081 | 381 080, 381 081 | 381 080, 381 081 | 381 080, 381 081 |
| Quantity per bag/case | 1/50 | 1/50 | 1/50 | 1/50 | 1/50 | 1/50 |

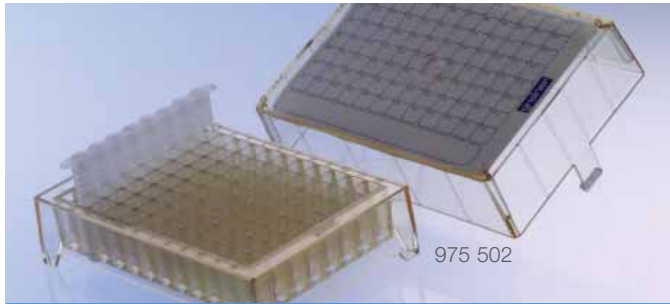


| Cat.-No. | 780 285 | Cat.-No. | 786 201 | 786 261 |
|----------------------------|---------------------|----------------------------|---------------------|---------------------|
| Volume [ml] | 2 | Volume [ml] | 0.5 | 0.5 |
| Well profile | V-bottom | Well profile | V-bottom | V-bottom |
| Bottom | solid | Bottom | solid | solid |
| Colour | natural | Colour | natural | natural |
| Binding | - | Binding | - | - |
| Sterile | - | Sterile | - | + |
| Suitable CapMats, Cat.-No. | 381 080, 381 081 | Suitable CapMats, Cat.-No. | 381 070, 381 061 | 381 070, 381 061 |
| Quantity per bag/case | 5/50 | Quantity per bag/case | 8/80 | 1/80 |

96 Well Storage Box

The Greiner Bio-One storage box system in microplate format meets all requirements. It comes with a coding card, which enables proper storage of samples, and the temperature resistance of the polypropylene vessels from -80 °C to +121 °C provides for a broad range of applications. All components of the storage box are autoclavable. The box has space for 96 vessels with a capacity of 1.3 ml each.

The individual vessels are made of biologically inert polypropylene, while the storage box itself is made of polycarbonate (PC). The storage box comes with a lid, ID-card and with/without 96 PP-vessels with mounted adhesive strips, and can be supplied both sterile and non-sterile.



96 Well Storage Box

↳ Tubes for Storage Box p. 5 | 4

| Cat.-No. | 975 502 | 975 561 | 975 570 |
|--|---------|---------|---------|
| Material | PC | PC | PC |
| Incl. 96 polypropylene vessels, inserted | - | + | + |
| Sterile | - | + | - |
| ID card | + | + | + |
| Quantity per bag/case | 1 | 50 | 50 |

384 Deep Well Polypropylene MASTERBLOCK®

In addition to the 384 well polypropylene microplates with F-bottom and V-bottom, a 384 well MASTERBLOCK® extends the range of polypropylene microplates. The innovative design of the Deep Well MASTERBLOCK® enables numerous applications in which larger volumes are required. The MASTERBLOCK® is ideal for compound libraries and the storage of samples in general. The conical shape of the wells (Fig. 1 and 2) enables precise pipetting down to the last drop. The standardised external dimensions and the tight tolerances make liquid handling easier for robotics. The MASTERBLOCK® is also available barcode-labelled on request (→ p. 14 | 4).

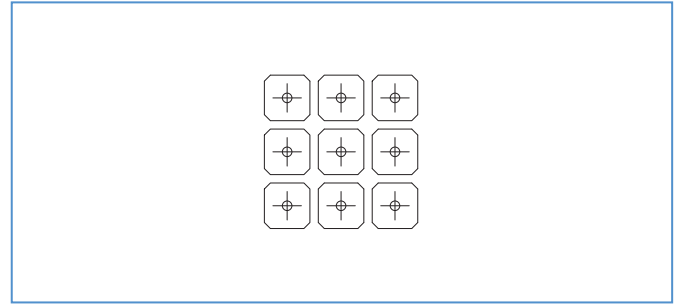


Figure 2:
Rounded square well design

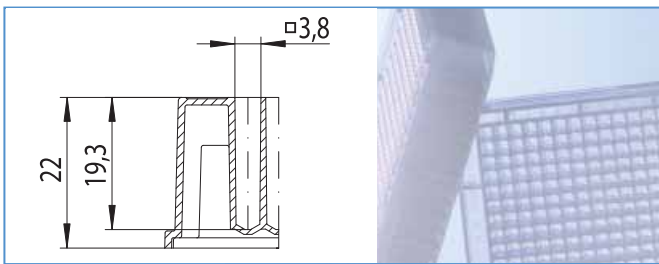


Figure 1:
Well profile: 384 Deep Well MASTERBLOCK®, polypropylene
Total volume: 240 µl
Working volume: 20 – 225 µl

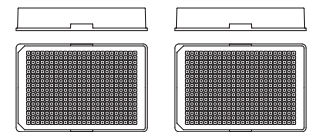


384 Deep Well MASTERBLOCK®

▶ 384 Well Polypropylene Microplates p. 2 | 15

- Alphanumeric well coding
- High chemical resistance
- High temperature resistance (-196 °C to +121 °C)
- Sealable with adhesive films and heat sealer

Free of detectable
DNase, RNase,
human DNA
non-pyrogenic



| Cat.-No. | 781 270 | 781 271 |
|-----------------------|-----------|-----------|
| Well profile | V-bottom | V-bottom |
| Bottom | solid | solid |
| Colour | natural | natural |
| Binding | - | - |
| Sterile | - | + |
| Lid | - | - |
| Quantity per bag/case | 6/60 | 6/60 |
| Plate design | Deep Well | Deep Well |

1536 Deep Well Polypropylene Microplates

The product range of the 1536 well polystyrene microplates is extended by a polypropylene storage plate (Deep Well microplate) with a total volume of 18 μl . The working volume of this plate is between 3 and 15 μl (Fig. 1).

- Uniform external dimensions and tolerances
- Alphanumeric well coding
- High chemical resistance
- High temperature resistance (-196 °C to +121 °C)
- Sealable with adhesive films and heat sealer

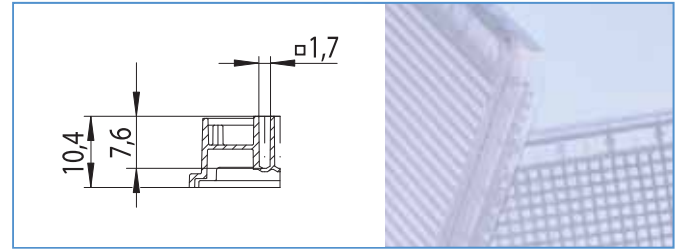
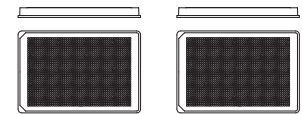


Figure 1:
Well profile: 1536 Deep Well Microplate, polypropylene
Total volume: 18 μl
Working volume: 3 – 15 μl



1536 Deep Well Polypropylene Microplates

Free of detectable
DNase, RNase,
human DNA
non-pyrogenic



| Cat.-No. | 782 261 | 782 270 |
|-----------------------|-----------|-----------|
| Well profile | V-bottom | V-bottom |
| Bottom | solid | solid |
| Colour | natural | natural |
| Sterile | + | - |
| Lid | - | - |
| Quantity per bag/case | 15/60 | 15/60 |
| Plate design | Deep Well | Deep Well |