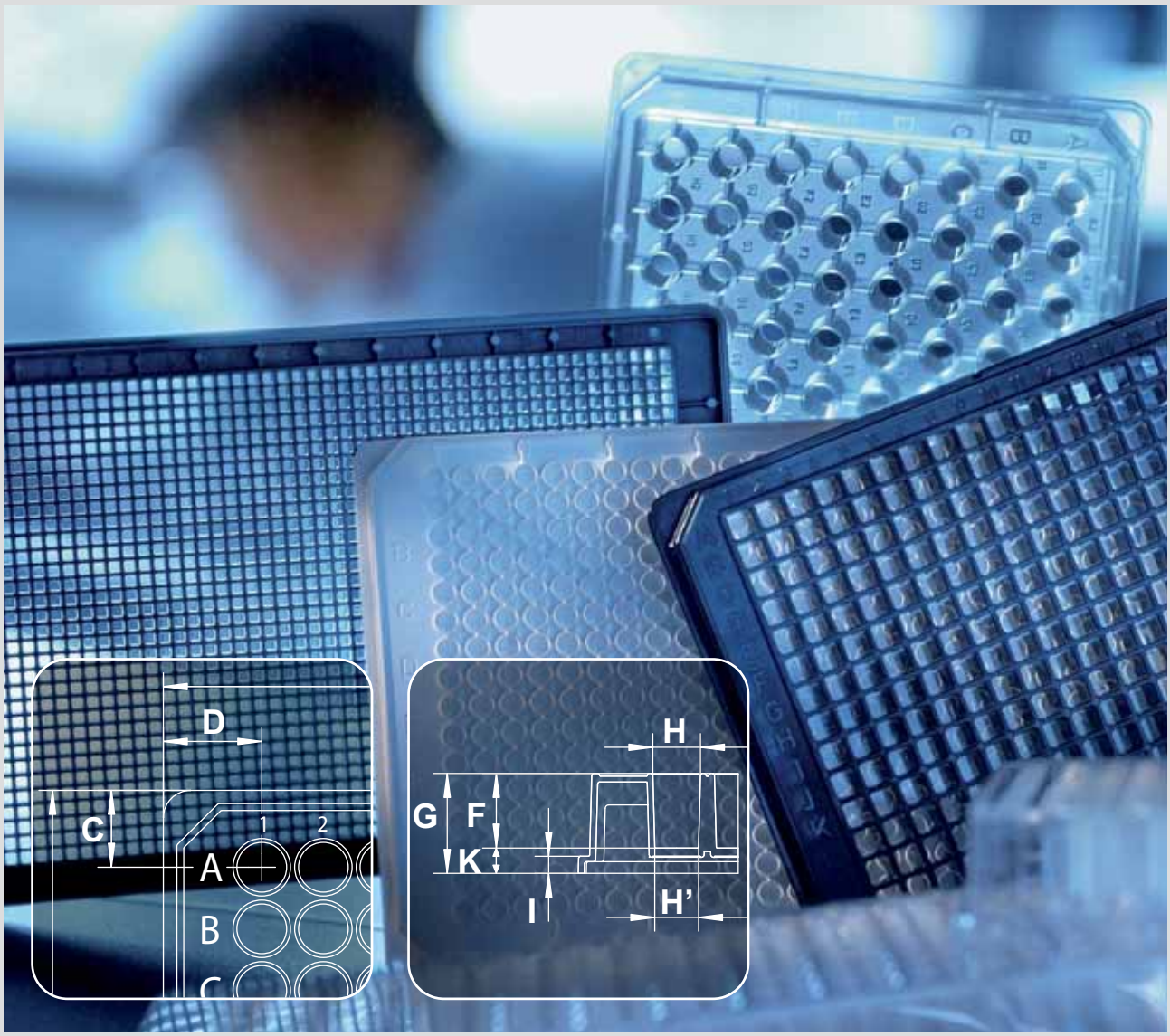
# Microplate Dimensions Guide

## Compendium of Greiner Bio-One Microplates

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# Greiner Bio-One
# Microplate Dimensions Guide

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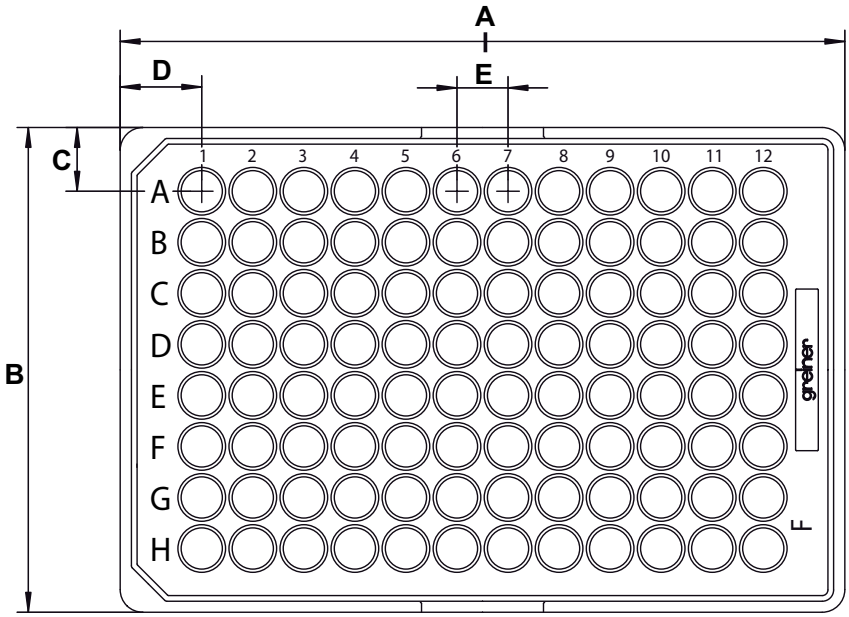
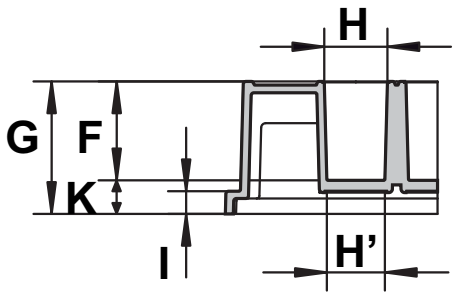
## Dimensions Explanation




| | |
|---|---|
| A | Plate length |
| B | Plate width |
| C | A1 Row offset |
| D | A1 Column offset |
| E | Well spacing (center to center) |




| | |
|---|---|
| F | Well depth |
| G | Plate height |
| H | Well diameter top |
| H' | Well diameter bottom |
| I | Flange or skirt height |
| K | Well bottom elevation* |

* See Overview on p. 14/15



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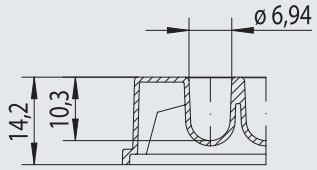
# 96 Well Microplates

## 96 Well Polystyrene Microplates

### U-bottom

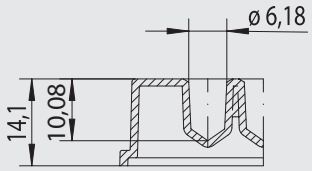


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.18 mm
- A1 Column offset: 14.29 mm
- Well spacing (center to center): 9.02 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 323 µl
- Working volume: 40-280 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 650 160 | U-bottom, solid, clear, cell culture treated, sterile | 1 | 100 |
| 650 180 | U-bottom, solid, clear, cell culture treated, sterile, with lid | 1 | 100 |
| 650 185 | U-bottom, solid, clear, for suspension culture, sterile, with lid | 1 | 60 |
| 650 161 | U-bottom, solid, clear, sterile | 2 | 100 |
| 650 101 | U-bottom, solid, clear, non-sterile | 5 | 100 |
| 650 001 | U-bottom, solid, clear, ELISA, MICROLON® 200, med. binding | 5 | 40 |
| 650 061 | U-bottom, solid, clear, ELISA, MICROLON® 600, high binding | 5 | 40 |

### V-bottom

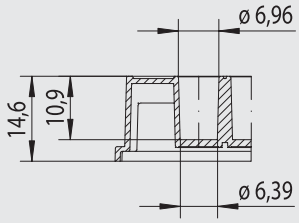


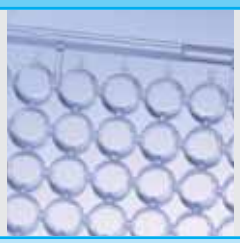
- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.18 mm
- A1 Column offset: 14.29 mm
- Well spacing (center to center): 9.02 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 234 µl
- Working volume: 40-200 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 651 160 | V-bottom, solid, clear, cell culture treated, sterile | 1 | 100 |
| 651 180 | V-bottom, solid, clear, cell culture treated, sterile, with lid | 1 | 100 |
| 651 161 | V-bottom, solid, clear, sterile | 2 | 100 |
| 651 101 | V-bottom, solid, clear, non-sterile | 5 | 100 |
| 651 001 | V-bottom, solid, clear, ELISA, MICROLON® 200, med. binding | 5 | 40 |
| 651 061 | V-bottom, solid, clear, ELISA, MICROLON® 600, high binding | 5 | 40 |

### F-bottom / standard



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 382 µl
- Working volume: 25-340 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 161 | F-bottom / standard, solid, clear, sterile | 2 | 100 |
| 655 101 | F-bottom / standard, solid, clear, non-sterile | 5 | 100 |
| 655 001 | F-bottom / standard, solid, clear, ELISA, MICROLON® 200, med. binding | 5 | 40 |
| 655 061 | F-bottom / standard, solid, clear, ELISA, MICROLON® 600, high binding | 5 | 40 |





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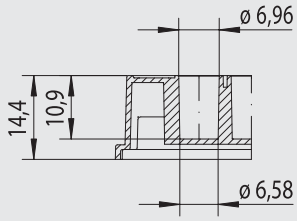
## F-bottom / chimney well



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 392 µl
- Working volume: 25-340 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 160 | F-bottom / chimney well, solid, clear, cell culture treated, sterile | 1 | 100 |
| 655 162 | F-bottom / chimney well, solid, clear, cell culture treated, sterile | 5 | 100 |
| 655 180 | F-bottom / chimney well, solid, clear, cell culture treated, sterile, with lid | 1 | 100 |
| 655 182 | F-bottom / chimney well, solid, clear, cell culture treated, sterile, with lid | 10 | 160 |
| 655 185 | F-bottom / chimney well, solid, clear, for suspension culture, sterile, with lid | 1 | 60 |
| 655 080 | F-bottom / chimney well, solid, clear, ELISA, MICROLON® 200, med. binding | 5 | 40 |
| 655 081 | F-bottom / chimney well, solid, clear, ELISA, MICROLON® 600, high binding | 5 | 40 |
| 655 940 | F-bottom / chimney well, solid, clear, Poly-D-Lysine, with lid | 5 | 20 |
| 655 930 | F-bottom / chimney wel, solid, clear, Poly-L-Lysine, with lid | 5 | 20 |
| 655 950 | F-bottom / chimney wel, solid, clear, Collagen Type I, with lid | 5 | 20 |

**Solid bottom, white**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 073 | F-bottom / chimney well, solid, white, cell culture treated, sterile | 10 | 40 |
| 655 083 | F-bottom / chimney well, solid, white, cell culture treated, sterile, with lid | 8 | 32 |
| 655 075 | F-bottom / chimney well, solid, white, non-sterile, LUMITRAC™ 200, med. binding | 5 | 40 |
| 655 074 | F-bottom / chimney well, solid, white, sterile, LUMITRAC™ 600, high binding | 5 | 40 |

**Solid bottom, black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 079 | F-bottom / chimney well, solid, black, cell culture treated, sterile | 10 | 40 |
| 655 086 | F-bottom / chimney well, solid, black, cell culture treated, sterile, with lid | 8 | 32 |
| 655 076 | F-bottom / chimney well, solid, black, non-sterile, FLUOTRAC™ 200, med. binding | 5 | 40 |
| 655 077 | F-bottom / chimney well, solid, black, sterile, FLUOTRAC™ 600, high binding | 5 | 40 |

**µClear® bottom, white**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 088 | F-bottom / chimney well, µClear® bottom, white, cell culture treated, sterile | 10 | 40 |
| 655 098 | F-bottom / chimney well, µClear® bottom, white, cell culture treated, sterile, with lid | 8 | 32 |
| 655 095 | F-bottom / chimney well, µClear® bottom, white, non-sterile, med. binding | 10 | 40 |
| 655 094 | F-bottom / chimney well, µClear® bottom, white, sterile, high binding | 10 | 40 |
| 655 944 | F-bottom / chimney well, µClear® bottom, white, Poly-D-Lysine, with lid | 5 | 20 |

**µClear® bottom, black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 087 | F-bottom / chimney well, µClear® bottom, black, cell culture treated, sterile | 10 | 40 |
| 655 090 | F-bottom / chimney well, µClear® bottom, black, cell culture treated, sterile, with lid | 8 | 32 |
| 655 096 | F-bottom / chimney well, µClear® bottom, black, non-sterile, med.binding | 10 | 40 |
| 655 097 | F-bottom / chimney well, µClear® bottom, black, sterile, high binding | 10 | 40 |
| 655 946 | F-bottom / chimney well, µClear® bottom, black, Poly-D-Lysine, with lid | 5 | 20 |
| 655 948 | F-bottom / chimney well, µClear® bottom, black, Poly-D-Lysine, with lid | 20 | 120 |
| 655 936 | F-bottom / chimney well, µClear® bottom, black, Poly-L-Lysine, with lid | 5 | 20 |
| 655 956 | F-bottom / chimney well, µClear® bottom, black, Collagen Type I, with lid | 5 | 20 |

**lumox™ bottom, black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 9612 0096 | F-bottom / chimney well, lumox™ bottom, black, cell culture treated, sterile, with lid | 1 | 20 |
| 9600 0024 | F-bottom / chimney well, lumox™ bottom, black, cell culture treated, sterile, with lid | 1 | 4 |

**Glass bottom, black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 892 | SensoPlate™, F-bottom / chimney well, glass bottom, black, sterile, with lid | 1 | 16 |



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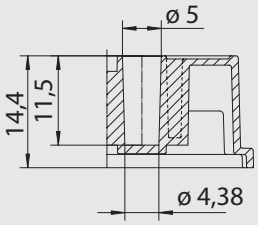
## Half Area



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 199 µl
- Working volume: 15-75 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 675 180 | Half Area, solid, clear, cell culture treated, sterile, with lid | 8 | 32 |
| 675 161 | Half Area, solid, clear, sterile | 10 | 40 |
| 675 101 | Half Area, solid, clear, non-sterile | 10 | 40 |
| 675 001 | Half Area, solid, clear, ELISA, MICROLON® 200, med. binding | 10 | 40 |
| 675 061 | Half Area, solid, clear, ELISA, MICROLON® 600, high binding | 10 | 40 |

**Solid bottom, white**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 675 083 | Half Area, solid, white, cell culture treated, sterile, with lid | 8 | 32 |
| 675 075 | Half Area, solid, white, non-sterile, med. binding | 10 | 40 |
| 675 074 | Half Area, solid, white, sterile, high binding | 10 | 40 |

**Solid bottom, black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 675 086 | Half Area, solid, black, cell culture treated, sterile, with lid | 8 | 32 |
| 675 076 | Half Area, solid, black, non-sterile, med. binding | 10 | 40 |
| 675 077 | Half Area, solid, black, sterile, high binding | 10 | 40 |

**µClear® bottom, white**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 675 098 | Half Area, µClear® bottom, white, cell culture treated, sterile, with lid | 8 | 32 |
| 675 095 | Half Area, µClear® bottom, white, non-sterile, med. binding | 10 | 40 |
| 675 094 | Half Area, µClear® bottom, white, sterile, high binding | 10 | 40 |

**µClear® bottom, black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 675 090 | Half Area, µClear® bottom, black, cell culture treated, sterile, with lid | 8 | 32 |
| 675 096 | Half Area, µClear® bottom, black, non-sterile, med. binding | 10 | 40 |
| 675 097 | Half Area, µClear® bottom, black, sterile, high binding | 10 | 40 |





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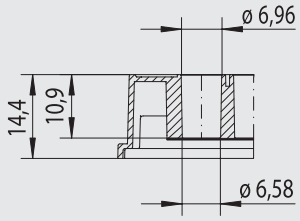
# 96 Well UV-Star® Microplates

## F-bottom / chimney well

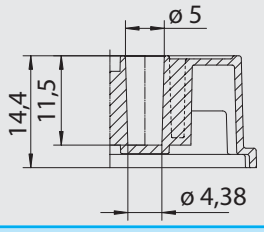


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 392 µl
- Working volume: 25-340 µl

**µClear® bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 801 | F-bottom / chimney well, µClear® bottom, non-sterile | 10 | 40 |

## Half Area



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 199 µl
- Working volume: 15-175 µl

**µClear® bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 675 801 | Half Area, µClear® bottom, non-sterile | 10 | 40 |



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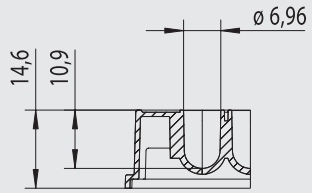
# 96 Well Polypropylene Microplates

## U-bottom / chimney well

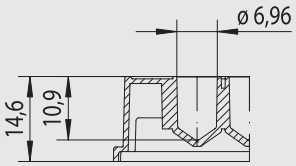


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 355 µl
- Working volume: 50-300 µl

**Solid bottom, natural / white / black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 650 261 | U-bottom / chimney well, solid, natural, sterile | 10 | 100 |
| 650 201 | U-bottom / chimney well, solid, natural, non-sterile | 10 | 100 |
| 650 207 | U-bottom / chimney well, solid, white, non-sterile | 10 | 100 |
| 650 209 | U-bottom / chimney well, solid, black, non-sterile | 10 | 100 |

## V-bottom / chimney well

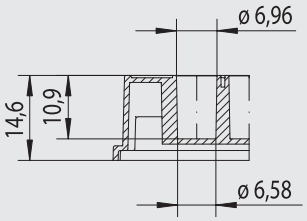


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 340 µl
- Working volume: 50-335 µl

**Solid bottom, natural / white / black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 651 201 | V-bottom / chimney well, solid, natural, non-sterile | 10 | 100 |
| 651 207 | V-bottom / chimney well, solid, white, non-sterile | 10 | 100 |
| 651 209 | V-bottom / chimney well, solid, black, non-sterile | 10 | 100 |

## F-bottom / chimney well



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 392 µl
- Working volume: 25-370 µl

**Solid bottom, natural / white / black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 655 201 | F-bottom / chimney well, solid, natural, non-sterile | 10 | 100 |
| 655 207 | F-bottom / chimney well, solid, white, non-sterile | 10 | 100 |
| 655 209 | F-bottom / chimney well, solid, black, non-sterile | 10 | 100 |





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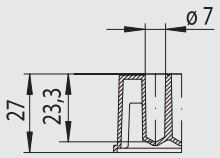
## MASTERBLOCK®, 0.5 ml

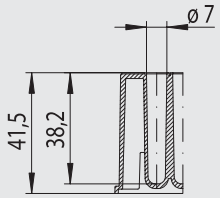


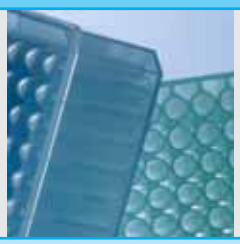
- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 0.78 ml
- Working volume: 0.03-0.65 ml (RT) / 0.03-0.55 ml (-20°C)

**Solid bottom, natural**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 786 261 | MASTERBLOCK®, 0.5 ml, V-bottom, solid, natural, sterile | 1 | 80 |
| 786 201 | MASTERBLOCK®, 0.5 ml, V-bottom, solid, natural, non-sterile | 8 | 80 |

## MASTERBLOCK®, 1 ml



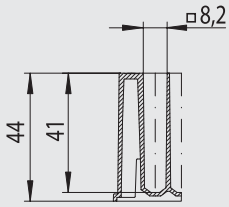



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 1.22 ml
- Working volume: 0.05-1.1 ml (RT) / 0.05-1.0 ml (-20°C)

**Solid bottom, natural / yellow / red / blue / green**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 780 261 | MASTERBLOCK®, 1 ml, U-bottom, solid, natural, sterile | 1 | 50 |
| 780 201 | MASTERBLOCK®, 1 ml, U-bottom, solid, natural, non-sterile | 1 | 50 |
| 780 215 | MASTERBLOCK®, 1 ml, U-bottom, solid, natural, non-sterile | 5 | 50 |
| 780 266 | MASTERBLOCK®, 1 ml, U-bottom, solid, yellow, sterile | 1 | 50 |
| 780 206 | MASTERBLOCK®, 1 ml, U-bottom, solid, yellow, non-sterile | 1 | 50 |
| 780 263 | MASTERBLOCK®, 1 ml, U-bottom, solid, red, sterile | 1 | 50 |
| 780 203 | MASTERBLOCK®, 1 ml, U-bottom, solid, red, non-sterile | 1 | 50 |
| 780 264 | MASTERBLOCK®, 1 ml, U-bottom, solid, blue, sterile | 1 | 50 |
| 780 204 | MASTERBLOCK®, 1 ml, U-bottom, solid, blue, non-sterile | 1 | 50 |
| 780 265 | MASTERBLOCK®, 1 ml, U-bottom, solid, green, sterile | 1 | 50 |
| 780 205 | MASTERBLOCK®, 1 ml, U-bottom, solid, green, non-sterile | 1 | 50 |

## MASTERBLOCK®, 2 ml



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 2.42 ml
- Working volume: 0.1-2.1 ml (RT) / 0.1-2.0 ml (-20°C)

**Solid bottom, natural / yellow / red / blue / green**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 780 271 | MASTERBLOCK®, 2 ml, V-bottom, solid, natural, sterile | 1 | 50 |
| 780 270 | MASTERBLOCK®, 2 ml, V-bottom, solid, natural, non-sterile | 1 | 50 |
| 780 285 | MASTERBLOCK®, 2 ml, V-bottom, solid, natural, non-sterile | 5 | 50 |
| 780 276 | MASTERBLOCK®, 2 ml, V-bottom, solid, yellow, sterile | 1 | 50 |
| 780 273 | MASTERBLOCK®, 2 ml, V-bottom, solid, red, sterile | 1 | 50 |
| 780 274 | MASTERBLOCK®, 2 ml, V-bottom, solid, blue, sterile | 1 | 50 |
| 780 275 | MASTERBLOCK®, 2 ml, V-bottom, solid, green, sterile | 1 | 50 |



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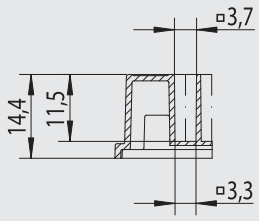
# 384 Well Microplates

## 384 Well Polystyrene Microplates

### F-bottom



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 138 µl
- Working volume: 10-130 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 781 165 | F-bottom, solid, clear, cell culture treated, sterile | 10 | 40 |
| 781 182 | F-bottom, solid, clear, cell culture treated, sterile, with lid | 8 | 32 |
| 781 162 | F-bottom, solid, clear, sterile | 10 | 100 |
| 781 185 | F-bottom, solid, clear, sterile, with lid | 1 | 32 |
| 781 186 | F-bottom, solid, clear, sterile, with lid | 8 | 32 |
| 781 101 | F-bottom, solid, clear, non-sterile | 10 | 100 |
| 781 061 | F-bottom, solid, clear, sterile, high binding | 10 | 40 |
| 781 940 | F-bottom, solid, clear, Poly-D-Lysine, with lid | 5 | 20 |
| 781 930 | F-bottom, solid, clear, Poly-L-Lysine, with lid | 5 | 20 |
| 781 950 | F-bottom, solid, clear, Collagen Type I, with lid | 5 | 20 |

**Solid bottom, white**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 781 073 | F-bottom, solid, white, cell culture treated, sterile | 10 | 40 |
| 781 080 | F-bottom, solid, white, cell culture treated, sterile, with lid | 8 | 32 |
| 781 075 | F-bottom, solid, white, non-sterile, LUMITRAC™ 200, med. binding | 10 | 40 |
| 781 074 | F-bottom, solid, white, sterile, LUMITRAC™ 600, high binding | 10 | 40 |

**Solid bottom, black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 781 079 | F-bottom, solid, black, cell culture treated, sterile | 10 | 40 |
| 781 086 | F-bottom, solid, black, cell culture treated, sterile, with lid | 8 | 32 |
| 781 076 | F-bottom, solid, black, non-sterile, FLUOTRAC™ 200, med. binding | 10 | 40 |
| 781 077 | F-bottom, solid, black, sterile, FLUOTRAC™ 600, high binding | 10 | 40 |

**µClear® bottom, white**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 781 093 | F-bottom, µClear® bottom, white, cell culture treated, sterile | 10 | 40 |
| 781 098 | F-bottom, µClear® bottom, white, cell culture treated, sterile, with lid | 8 | 32 |
| 781 095 | F-bottom, µClear® bottom, white, non-sterile, med. binding | 10 | 40 |
| 781 094 | F-bottom, µClear® bottom, white, sterile, high binding | 10 | 40 |
| 781 944 | F-bottom, µClear® bottom, white, Poly-D-Lysine, with lid | 5 | 20 |

**µClear® bottom, black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 781 092 | F-bottom, µClear® bottom, black, cell culture treated, sterile | 10 | 40 |
| 781 091 | F-bottom, µClear® bottom, black, cell culture treated, sterile, with lid | 8 | 32 |
| 781 090 | F-bottom, µClear® bottom, black, cell culture treated, sterile, with lid | 20 | 120 |
| 781 096 | F-bottom, µClear® bottom, black, non-sterile, med. binding | 10 | 40 |
| 781 097 | F-bottom, µClear® bottom, black, sterile, high binding | 10 | 40 |
| 781 946 | F-bottom, µClear® bottom, black, Poly-D-Lysine, with lid | 5 | 20 |
| 781 948 | F-bottom, µClear® bottom, black, Poly-D-Lysine, with lid | 20 | 120 |
| 781 936 | F-bottom, µClear® bottom, black, Poly-L-Lysine, with lid | 5 | 20 |
| 781 956 | F-bottom, µClear® bottom, black, Collagen Type I, with lid | 5 | 20 |





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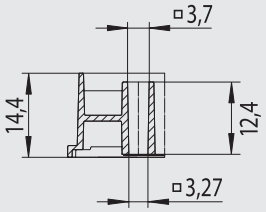
| lumox™ bottom, black | | | |
|---|---|---|---|
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 9613 0384 | F-bottom, lumox™ bottom, black, cell culture treated, sterile, with lid | 1 | 20 |
| 9600 0034 | F-bottom, lumox™ bottom, black, cell culture treated, sterile, with lid | 1 | 4 |
| **Glass bottom, black** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 781 892 | SensoPlate™, F-bottom, glass bottom, black, sterile, with lid | 1 | 16 |

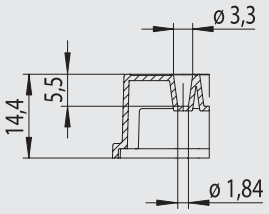
## F-bottom, extra LoBase



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 145 µl
- Working volume: 10-130 µl

| Glass bottom, black | | | |
|---|---|---|---|
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 781 856 | SensoPlate™ Plus, F-bottom, extra LoBase, glass bottom, black, non-sterile | 1 | 16 |

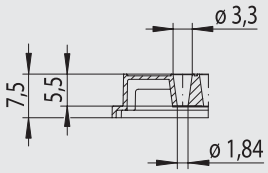
## Small Volume™ HiBase



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 28 µl
- Working volume: 4-25 µl

| Solid bottom, clear | | | |
|---|---|---|---|
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 784 101 | Small Volume™ HiBase, solid, clear, non-sterile | 10 | 40 |
| **Solid bottom, white** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 784 075 | Small Volume™ HiBase, solid, white, non-sterile, med. binding | 10 | 40 |
| **Solid bottom, black** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 784 076 | Small Volume™ HiBase, solid, black, non-sterile, med. binding | 10 | 40 |

## Small Volume™ LoBase



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 28 µl
- Working volume: 4-25 µl

| Solid bottom, clear | | | |
|---|---|---|---|
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 788 161 | Small Volume™ LoBase, solid, clear, sterile | 10 | 80 |
| 788 101 | Small Volume™ LoBase, solid, clear, non-sterile | 10 | 80 |
| **Solid bottom, white** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 788 073 | Small Volume™ LoBase, solid, white, cell culture treated, sterile | 10 | 80 |
| 788 075 | Small Volume™ LoBase, solid, white, non-sterile, med. binding | 10 | 80 |



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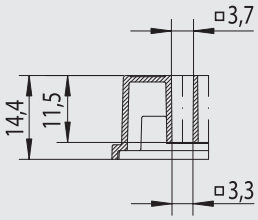
| Solid bottom, black | | | |
|---|---|---|---|
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 788 086 | Small Volume™ LoBase, solid, black, cell culture treated, sterile, with lid | 15 | 60 |
| 788 076 | Small Volume™ LoBase, solid, black, non-sterile, med. binding | 10 | 80 |
| **µClear® bottom, white** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 788 093 | Small Volume™ LoBase, µClear® bottom, white, cell culture treated, sterile | 10 | 80 |
| 788 095 | Small Volume™ LoBase, µClear® bottom, white, non-sterile, med. binding | 10 | 80 |
| **µClear® bottom, black** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 788 092 | Small Volume™ LoBase, µClear® bottom, black, cell culture treated, sterile | 10 | 80 |
| 788 096 | Small Volume™ LoBase, µClear® bottom, black, non-sterile, med. binding | 10 | 80 |
| **Glass bottom, black** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 788 896 | SensoPlate™, Small Volume™ LoBase, glass bottom, black, sterile | 1 | 16 |

## 384 Well UV-Star® Microplates

### F-bottom

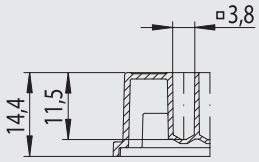


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 138 µl
- Working volume: 15-110 µl

| µClear® bottom, clear | | | |
|---|---|---|---|
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 781 801 | F-bottom, µClear® bottom, non-sterile | 10 | 40 |

## 384 Well Polypropylene Microplates

### V-bottom



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 145 µl
- Working volume: 13-120 µl

| Solid bottom, natural / white / black | | | |
|---|---|---|---|
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 781 280 | V-bottom, solid, natural, non-sterile | 10 | 100 |
| 781 287 | V-bottom, solid, white, non-sterile | 10 | 100 |
| 781 289 | V-bottom, solid, black, non-sterile | 10 | 100 |





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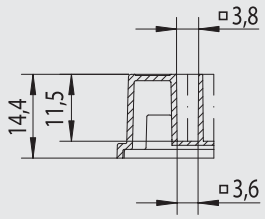
## F-bottom

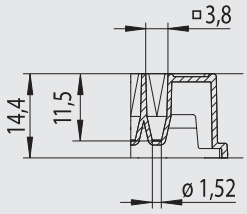


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 152 µl
- Working volume: 15-145 µl

**Solid bottom, natural / white / black**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 781 201 | F-bottom, solid, natural, non-sterile | 10 | 100 |
| 781 207 | F-bottom, solid, white, non-sterile | 10 | 100 |
| 781 209 | F-bottom, solid, black, non-sterile | 10 | 100 |
| 781 201-906 | F-bottom, solid, natural, non-sterile, for acoustic liquid handling | 10 | 100 |

## Small Volume™, Deep Well

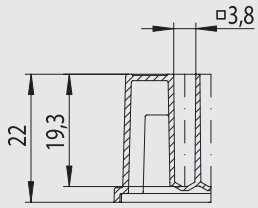


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 107 µl (21 µl in the frustrum)
- Working volume: 10-90 µl

**Solid bottom, natural**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 784 201 | Small Volume™, Deep Well, solid, natural, non-sterile | 10 | 100 |

## MASTERBLOCK®, V-bottom, Deep Well



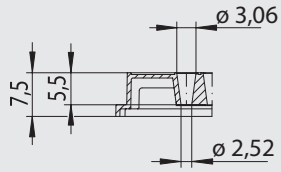
- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 240 µl
- Working volume: 20-225 µl

**Solid bottom, natural**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 781 271 | MASTERBLOCK®, V-bottom, Deep Well, solid, natural, sterile | 6 | 60 |
| 781 270 | MASTERBLOCK®, V-bottom, Deep Well, solid, natural, non-sterile | 6 | 60 |

# 384 Well Cycloolefin Microplates

## Small Volume™ LoBase



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 28 µl
- Working volume: 4-25 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 788 860-906 | Small Volume™ LoBase, solid, clear, non-sterile, for acoustic liquid handling | 10 | 80 |



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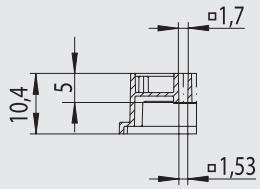
# 1536 Well Microplates

## 1536 Well Polystyrene Microplates

### F-bottom HiBase



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 7.87 mm
- A1 Column offset: 11.01 mm
- Well spacing (center to center): 2.25 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 12.6 µl
- Working volume: 3-10 µl

| Solid bottom, clear | | | |
|---|---|---|---|
| **Cat.- No.** | **Description** | **Qty./bag** | **Qty./case** |
| 782 180 | F-bottom HiBase, solid, clear, cell culture treated, sterile, with lid | 1 | 32 |
| 782 101 | F-bottom HiBase, solid, clear, non-sterile | 15 | 60 |
| 782 061 | F-bottom HiBase, solid, clear, sterile, MICROLON® 600, high binding | 15 | 60 |
| **Solid bottom, white** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 782 073 | F-bottom HiBase, solid, white, cell culture treated, sterile | 15 | 60 |
| 782 080 | F-bottom HiBase, solid, white, cell culture treated, sterile, with lid | 10 | 40 |
| 782 075 | F-bottom HiBase, solid, white, non-sterile, LUMITRAC™ 200, med. binding | 15 | 60 |
| 782 074 | F-bottom HiBase, solid, white, sterile, LUMITRAC™ 600, high binding | 15 | 60 |
| **Solid bottom, black** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 782 078 | F-bottom HiBase, solid, black, cell culture treated, sterile | 15 | 60 |
| 782 086 | F-bottom HiBase, solid, black, cell culture treated, sterile, with lid | 10 | 40 |
| 782 076 | F-bottom HiBase, solid, black, non-sterile, FLUOTRAC™ 200, med. binding | 15 | 60 |
| 782 077 | F-bottom HiBase, solid, black, sterile, FLUOTRAC™ 600, high binding | 15 | 60 |
| **µClear® bottom, white** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 782 093 | F-bottom HiBase, µClear® bottom, white, cell culture treated, sterile | 15 | 60 |
| 782 095 | F-bottom HiBase, µClear® bottom, white, non-sterile, med. binding | 15 | 60 |
| 782 094 | F-bottom HiBase, µClear® bottom, white, sterile, high binding | 15 | 60 |
| **µClear® bottom, black** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 782 092 | F-bottom HiBase, µClear® bottom, black, cell culture treated, sterile | 15 | 60 |
| 782 096 | F-bottom HiBase, µClear® bottom, black, non-sterile, med. binding | 15 | 60 |
| 782 097 | F-bottom HiBase, µClear® bottom, black, sterile, high binding | 15 | 60 |
| **Glass bottom, black** | | | |
| **Cat. No.** | **Description** | **Qty./bag** | **Qty./case** |
| 782 892 | SensoPlate™, F-bottom HiBase, glass bottom, black, sterile, with lid | 1 | 16 |





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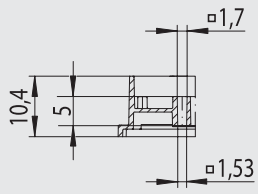
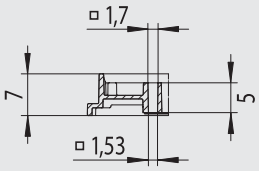
## F-bottom LoBase



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 7.87 mm
- A1 Column offset: 11.01 mm
- Well spacing (center to center): 2.25 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 12.6 µl
- Working volume: 3-10 µl

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| **Solid bottom, clear** | | | |
| 783 101 | F-bottom LoBase, solid, clear, non-sterile | 15 | 60 |
| **Solid bottom, white** | | | |
| 783 075 | F-bottom LoBase, solid, white, non-sterile, LUMITRAC™ 200, med. binding | 15 | 60 |
| **Solid bottom, black** | | | |
| 783 076 | F-bottom LoBase, solid, black, non-sterile, FLUOTRAC™ 200, med. binding | 15 | 60 |
| **µClear® bottom, white** | | | |
| 783 093 | F-bottom LoBase, µClear® bottom, white, cell culture treated, sterile | 15 | 60 |
| 783 095 | F-bottom LoBase, µClear® bottom, white, non-sterile, med. binding | 15 | 60 |
| **µClear® bottom, black** | | | |
| 783 092 | F-bottom LoBase, µClear® bottom, black, cell culture treated, sterile | 15 | 60 |
| 783 096 | F-bottom LoBase, µClear® bottom, black, non-sterile, med. binding | 15 | 60 |
| **Glass bottom, black** | | | |
| 783 892 | SensoPlate™, F-bottom LoBase, glass bottom, black, sterile, with lid | 1 | 16 |

## F-bottom extra LoBase



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 7.87 mm
- A1 Column offset: 11.01 mm
- Well spacing (center to center): 2.25 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 13 µl
- Working volume: 3-10 µl

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| **Glass bottom, clear** | | | |
| 783 856 | SensoPlate™ Plus, F-bottom extra LoBase, glass bottom, black, non-sterile | 1 | 16 |



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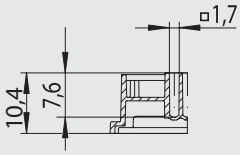
## 1536 Well Polypropylene Microplates

### V-bottom, Deep Well



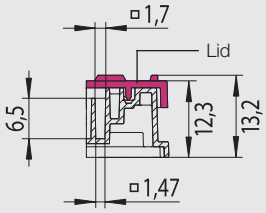
- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 7.87 mm
- A1 Column offset: 11.01 mm
- Well spacing (center to center): 2.25 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 18 µl
- Working volume: 3-15 µl

**Solid bottom, natural**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 782 261 | V-bottom, Deep Well, solid, natural, sterile | 15 | 60 |
| 782 270 | V-bottom, Deep Well, solid, natural, non-sterile | 15 | 60 |

## 1536 Well Cycloolefin Microplates

### F-bottom

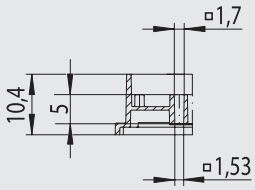


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 7.87 mm
- A1 Column offset: 11.01 mm
- Well spacing (center to center): 2.25 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 16 µl
- Working volume: 1-14 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 792 870-906 | F-bottom, solid, clear, non-sterile, for acoustic liquid handling | 15 | 60 |

### F-bottom LoBase



- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 7.87 mm
- A1 Column offset: 11.01 mm
- Well spacing (center to center): 2.25 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 12.6 µl
- Working volume: 3-10 µl

**Solid bottom, clear**

| Cat. No. | Description | Qty./bag | Qty./case |
|---|---|---|---|
| 783 860-906 | F-bottom LoBase, clear, non-sterile, for acoustic liquid handling | 10 | 40 |





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## Microplate Dimensions Overview

| Description | | | | |
|---|---|---|---|---|
| Well geometry | Cat. No. | Plate length [mm] | Plate width [mm] | Plate height [mm] |
| **96 Well Microplates** | | | | |
| **96 Well Polystyrene Microplates** | | | | |
| U-bottom, solid bottom | 650 001, 650 061, 650 101, 650 160, 650 161, 650 180, 650 185 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.2 ± 0.1 |
| V-bottom, solid bottom | 651 001, 651 061, 651 101, 651 160, 651 161, 651 180 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.1 ± 0.1 |
| F-bottom / standard, solid bottom | 655 001, 655 061, 655 101, 655 161 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.6 ± 0.1 |
| F-bottom / chimney well, solid bottom | 655 073, 655 074, 655 075, 655 076, 655 077, 655 079, 655 080, 655 081, 655 083, 655 086, 655 087, 655 088, 655 090, 655 094, 655 095, 655 096, 655 097, 655 098, 655 160, 655 162, 655 180, 655 182, 655 185, 655 892, 655 930, 655 936, 655 940, 655 944, 655 946, 655 948, 655 950, 655 956, 9600 0024, 9612 0096 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.4 ± 0.1 |
| Half Area, solid / µClear® bottom | 675 001, 675 061, 675 074, 675 075, 675 076, 675 077, 675 083, 675 086, 675 090, 675 094, 675 095, 675 096, 675 097, 675 098, 675 101, 675 161, 675 180 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.4 ± 0.1 |
| **96 Well UV-Star® Microplates** | | | | |
| F-bottom / chimney well, µClear® bottom | 655 801 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.4 ± 0.1 |
| Half Area, µClear® bottom | 675 801 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.4 ± 0.1 |
| **96 Well Polypropylene Microplates** | | | | |
| U-bottom / chimney well | 650 201, 650 207, 650 209, 650 261 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.6 ± 0.1 |
| V-bottom / chimney well | 651 201, 651 207, 651 209 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.6 ± 0.1 |
| F-bottom / chimney well | 655 201, 655 207, 655 209 | 127.76 ± 0.2 | 85.48 ± 0.2 | 14.6 ± 0.1 |
| MASTERBLOCK®, 0.5 ml | 786 201, 786 261 | 127.76 ± 0.2 | 85.48 ± 0.2 | 27.0 ± 0.15 |
| MASTERBLOCK®, 1 ml | 780 201, 780 203, 780 204, 780 205, 780 206, 780 215, 780 261, 780 263, 780 264, 780 265, 780 266 | 127.76 ± 0.2 | 85.48 ± 0.2 | 41.5 ± 0.15 |
| MASTERBLOCK®, 2 ml | 780 270, 780 271, 780 273, 780 274, 780 275, 780 276, 780 285 | 127.76 ± 0.2 | 85.48 ± 0.2 | 44.0 ± 0.15 |
| **384 Well Microplates** | | | | |
| **384 Well Polystyrene Microplates** | | | | |
| F-bottom, solid bottom | 781 061, 781 073, 781 074, 781 075, 781 076, 781 077, 781 079, 781 080, 781 086, 781 090, 781 091, 781 092, 781 093, 781 094, 781 095, 781 096, 781 097, 781 098, 781 101, 781 162, 781 165, 781 182, 781 185, 781 186, 781 892, 781 930, 781 936, 781 940, 781 944, 781 946, 781 948, 781 950, 781 956, 9600 0034, 9613 0384 | 127.76 ± 0.15 | 85.48 ± 0.15 | 14.4 ± 0.1 |
| SensoPlate™ Plus, F-bottom, extra LoBase, glass bottom | 781 856 | 127.76 ± 0.15 | 85.48 ± 0.15 | 14.4 ± 0.1 |
| Small Volume™ HiBase, solid bottom | 784 075, 784 076, 784 101 | 127.76 ± 0.15 | 85.48 ± 0.15 | 14.4 ± 0.1 |
| Small Volume™ LoBase, solid / µClear® / glass bottom | 788 073, 788 075, 788 076, 788 086, 788 092, 788 093, 788 095, 788 096, 788 101, 788 161, 788 896 | 127.76 ± 0.15 | 85.48 ± 0.15 | 7.5 ± 0.1 |
| **384 Well UV-Star® Microplates** | | | | |
| F-bottom, µClear® bottom | 781 801 | 127.76 ± 0.15 | 85.48 ± 0.15 | 14.4 ± 0.1 |
| **384 Well Polypropylene Microplates** | | | | |
| V-bottom, solid bottom | 781 280, 781 287, 781 289 | 127.76 ± 0.15 | 85.48 ± 0.15 | 14.4 ± 0.1 |
| F-bottom, solid bottom | 781 201, 781 207, 781 209, 781 201-906 | 127.76 ± 0.15 | 85.48 ± 0.15 | 14.4 ± 0.1 |
| Small Volume™, Deep Well, solid bottom | 784 201 | 127.76 ± 0.15 | 85.48 ± 0.15 | 14.4 ± 0.1 |
| MASTERBLOCK®, V-bottom, Deep Well, solid bottom | 781 270, 781 271 | 127.76 ± 0.15 | 85.48 ± 0.15 | 22.0 ± 0.1 |
| **384 Well Cycloolefin Microplates** | | | | |
| Small Volume™ LoBase, solid bottom | 788 860-906 | 127.76 ± 0.15 | 85.48 ± 0.15 | 7.5 ± 0.1 |
| **1536 Well Microplates** | | | | |
| **1536 Well Polystyrene Microplates** | | | | |
| F-bottom, HiBase, solid / µClear® / glass bottom | 782 061, 782 073, 782 074, 782 075, 782 076, 782 077, 782 078, 782 080, 782 086, 782 092, 782 093, 782 094, 782 095, 782 096, 782 097, 782 101, 782 180, 782 892 | 127.76 ± 0.1 | 85.48 ± 0.1 | 10.4 ± 0.1 |
| F-bottom, LoBase, solid / µClear® / glass bottom | 783 075, 783 076, 783 092, 783 093, 783 095, 783 096, 783 101, 783 892 | 127.76 ± 0.1 | 85.48 ± 0.1 | 10.4 ± 0.1 |
| SensoPlate™ Plus, F-bottom, extra LoBase, glass bottom | 783 856 | 127.76 ± 0.1 | 85.48 ± 0.1 | 7.0 ± 0.1 |
| **1536 Well Polypropylene Microplates** | | | | |
| V-bottom, Deep Well, solid bottom | 782 261, 782 270 | 127.76 ± 0.1 | 85.48 ± 0.1 | 10.4 ± 0.1 |
| **1536 Well Cycloolefin Microplates** | | | | |
| F-bottom, solid bottom | 792 870-906 | 127.76 ± 0.1 | 85.48 ± 0.1 | 11.2 ± 0.1 |
| F-bottom, LoBase, solid bottom | 783 860-906 | 127.76 ± 0.1 | 85.48 ± 0.1 | 10.4 ± 0.1 |



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| Well and Plate Dimensions | | | | | | | Well Volume | |
|---|---|---|---|---|---|---|---|---|
| A1 Row offset [mm] | A1 Column offset [mm] | Well spacing (center to center) [mm] | Well Depth [mm] | Well diameter (top/bottom) [mm] | Well bottom elevation [mm] | Flange or skirt height [mm] | Mathematical volume [µl] | Working volume [µl] |
| | | | | | | | | |
| 11.18 | 14.29 | 9.02 | 10.3 | 6.94 | 3.9 | 2.5 | 323 | 40-280 |
| 11.18 | 14.29 | 9.02 | 10.08 | 6.18 / 5.47 | 4.02 | 2.5 | 234 | 40-200 |
| 11.24 | 14.38 | 9.0 | 10.9 | 6.96 / 6.39 | 3.7 | 2.5 | 382 | 25-340 |
| 11.24 | 14.38 | 9.0 | 10.9 | 6.69 / 6.58 | 3.5 | 2.5 | 392 | 25-340 |
| 11.24 | 14.38 | 9.0 | 11.5 | 5.0 / 4.38 | 2.9 | 2.5 | 199 | 15-75 |
| | | | | | | | | |
| 11.24 | 14.38 | 9.0 | 10.9 | 6.96 / 6.58 | 3.5 | 2.5 | 392 | 25-340 |
| 11.24 | 14.38 | 9.0 | 11.5 | 5.0 / 4.38 | 2.9 | 2.5 | 199 | 15-175 |
| | | | | | | | | |
| 11.24 | 14.38 | 9.0 | 10.9 | 6.96 | 3.7 | 2.5 | 355 | 50-300 |
| 11.24 | 14.38 | 9.0 | 10.9 | 6.96 / 6.65 | 3.7 | 2.5 | 340 | 50-335 |
| 11.24 | 14.38 | 9.0 | 10.9 | 6.96 / 6.58 | 3.7 | 2.5 | 392 | 25-370 |
| 11.24 | 14.38 | 9.0 | 23.3 | 7.0 / 6.38 | 3.7 | 2.5 | 780 | 30-650 (RT)<br>30-550 (-20°C) |
| 11.24 | 14.38 | 9.0 | 38.2 | 7.0 / 5.97 | 3.3 | 2.5 | 1220 | 50-1100 (RT)<br>50-1000 (-20°C) |
| 11.24 | 14.38 | 9.0 | 41.0 | 8.2 / 7.37 | 3 | 2.5 | 2420 | 100-2100 (RT)<br>100-2000 (-20°C) |
| | | | | | | | | |
| 8.99 | 12.13 | 4.5 | 11.5 | 3.7 / 3.3 | 2.9 | 2.5 | 138 | 10-130 |
| 8.99 | 12.13 | 4.5 | 12.4 | 3.7 /3.27 | 0.49 | 2.0 | 145 | 10-130 |
| 8.99 | 12.13 | 4.5 | 5.5 | 3.3 / 1.84 | 8.9 | 2.5 | 28 | 4-25 |
| 8.99 | 12.13 | 4.5 | 5.5 | 3.3 / 1.84 | 2 | 2.0 | 28 | 4-25 |
| | | | | | | | | |
| 8.99 | 12.13 | 4.5 | 11.5 | 3.7 / 3.3 | 2.9 | 2.5 | 138 | 15-110 |
| | | | | | | | | |
| 8.99 | 12.13 | 4.5 | 11.5 | 3.8 / 0.8 | 2.9 | 2.5 | 145 | 13-120 |
| 8.99 | 12.13 | 4.5 | 11.5 | 3.8 / 3.6 | 2.9 | 2.5 | 152 | 15-145 |
| 8.99 | 12.13 | 4.5 | 11.5 | 3.8 / 1.52 | 2.9 | 2.5 | 107 | 10-90 |
| 8.99 | 12.13 | 4.5 | 19.3 | 3.8 / 3.48 | 2.7 | 2.5 | 240 | 20-225 |
| | | | | | | | | |
| 8.99 | 12.13 | 4.5 | 5.5 | 3.06 / 2.52 | 2 | 2.0 | 28 | 4-25 |
| | | | | | | | | |
| 7.87 | 11.01 | 2.25 | 5.0 | 1.7 / 1.53 | 5.4 | 2.0 | 12.6 | 3-10 |
| 7.87 | 11.01 | 2.25 | 5.0 | 1.7 / 1.53 | 5.4 | 2.0 | 12.6 | 3-10 |
| 7.87 | 11.01 | 2.25 | 5.0 | 1.7 / 1.53 | 0.49 | 2.0 | 13 | 3-10 |
| | | | | | | | | |
| 7.87 | 11.01 | 2.25 | 7.6 | 1.7 / 1.57 | 2.8 | 2.0 | 18 | 3-15 |
| | | | | | | | | |
| 7.87 | 11.01 | 2.25 | 6.5 | 1.7 / 1.47 | 3 | 2.5 | 16 | 1-14 |
| 7.87 | 11.01 | 2.25 | 5.0 | 1.7 / 1.53 | 5.4 | 2.0 | 12.6 | 3-10 |





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# Glossary

**CELLSTAR®**
Greiner Bio-One's CELLSTAR® line includes sterile cell culture vessels for adherent and suspension cultures. CELLSTAR® products for adherent cultures are physically modified to incorporate polar groups, such as carboxy and hydroxyl groups into the plastic surface, making it hydrophilic. This significantly improves the adhesion of cells to the plastic surface. CELLSTAR® products for suspension culture are not modified and thus retain the natural hydrophobic properties of polystyrene.

**CELLCOAT®**
Protein coated cell culture vessels for adherent cell culture. Our CELLSTAR® product family is coated with the Collagen Type I, Poly-D-Lysine or Poly-L-Lysine. Custom coatings are available by special request.

**MICROLON®**
Immunological products made of clear polystyrene for transmission measurements. Available in high (600) and medium (200) bind formats.

**LUMITRAC™**
Immunological products made of white polystyrene for luminescence measurements. Available in high (600) and medium (200) bind formats.

**FLUOTRAC™**
Immunological products made of black polystyrene for fluorescence measurements. Available in high (600) and medium (200) bind formats.

**Half Area**
96 well plate with reduced well size, surface area and volume to minimise consumption of materials while remaining in the 96 well format. Pre-determined well volumes to achieve 0.5 and 1.0 cm path lengths for convenience and precision.

**Small Volume™**
384 well plate with reduced well size, surface area and volume to enable miniaturisation in the 384 well format. Available in HiBase and LoBase.

**SensoPlate™**
Black parent microplates with optically clear, borosilicate 175 µm glass bottoms, suitable for microscopic monitoring and transmission measurements down to 350 nm. The adhesive used to mount the glass bottoms contains the lowest possible autofluorescence.

**SensoPlate™ Plus**
Developed in collaboration with Evotec Technologies, these glass bottom microplates combine the features of the standard SensoPlate™ with an improved geometry (the short distance of 0.475 mm between the internal well bottom and microplate skirt bottom), which facilitates changing objectives during microscopy and makes it possible to reach wells near the edge of the plate without hindrance.

**MASTERBLOCK®**
Deep well, polypropylene microplates ideal for storage of active agents, patient samples, biomolecules and reagents.

**µClear®**
A new processing technique for production of microplates with ultra-thin transparent film bottoms, without the use of adhesives or solvents which eradicates the risk of leaking wells. The µClear® film has exceptionally low autofluorescence and extends the wavelength range down to 340 nm. Available with black or white parent plate.

**lumox™**
Black parent cell culture microplates with an ultra thin, gas-permeable, low autofluorescence film bottom to enhance oxygen/ $CO_2$ exchange and stimulate cell growth. Excellent optical features for microscopy and fluorescence-based applications. UV-transparent.

**UV-Star®**
By combining the patented µClear® process technology to a new, innovative UV-transparent material, Greiner Bio-One has created microplates with extended transmission ranges to approach 200 nm. An ideal alternative to expensive quartz cuvettes, enabling multiple lower UV detections within standard microplate readers. Pre-determined well volumes achieve 0.5 and 1.0 cm path lengths for convenience and precision.



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## Numerical Index


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| 650 185 | 1 |
| 650 201 | 5 |
| 650 207 | 5 |
| 650 209 | 5 |
| 650 261 | 5 |
| 651 001 | 1 |
| 651 061 | 1 |
| 651 101 | 1 |
| 651 160 | 1 |
| 651 161 | 1 |
| 651 180 | 1 |
| 651 201 | 5 |
| 651 207 | 5 |
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| 655 001 | 1 |
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| 655 074 | 2 |
| 655 075 | 2 |
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| 655 079 | 2 |
| 655 080 | 2 |
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**Revision: July 2007 - 073 027**



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