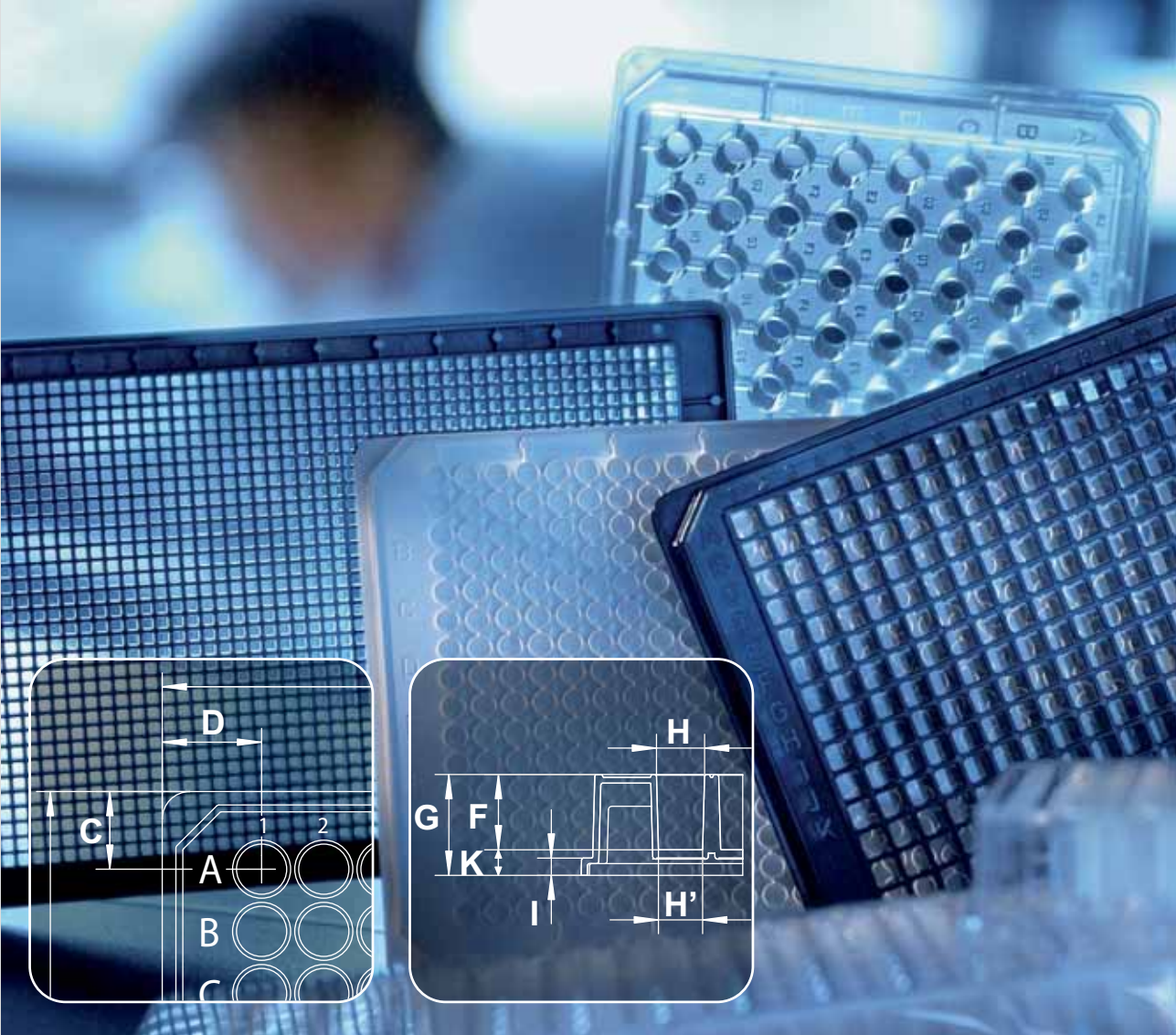


Microplate Dimensions Guide

Compendium of Greiner Bio-One Microplates



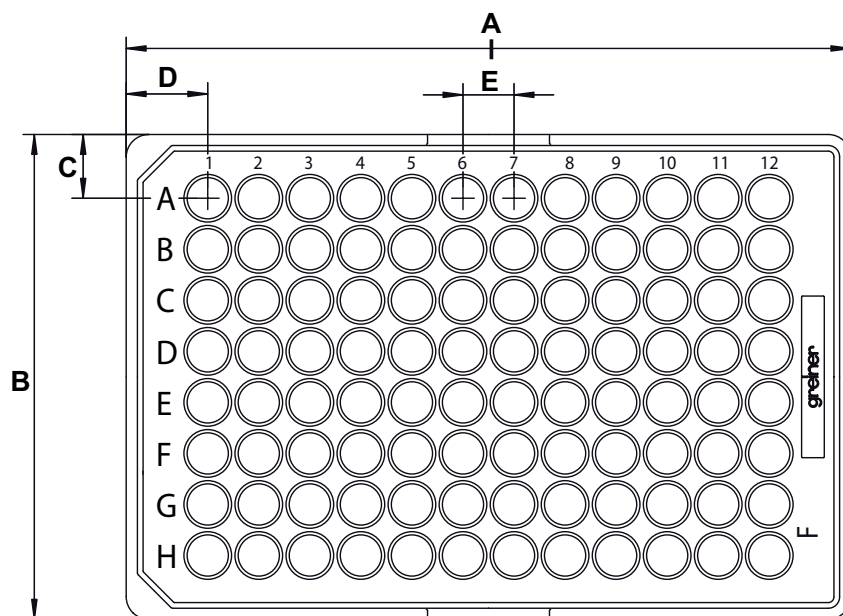
Greiner Bio-One Microplate Dimensions Guide

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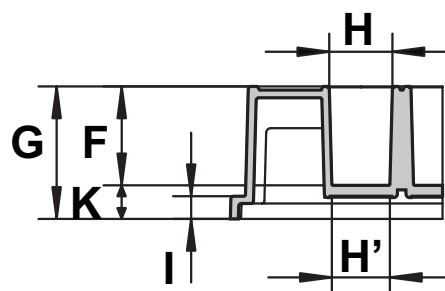
96 Well Microplates	1
96 Well Polystyrene Microplates	1
96 Well UV-Star® Microplates	4
96 Well Polypropylene Microplates	5
384 Well Microplates	7
384 Well Polystyrene Microplates	7
384 Well UV-Star® Microplates	9
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Dimensions Explanation

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



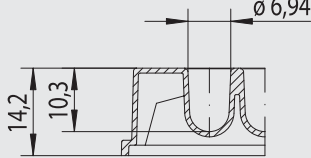

F	Well depth
G	Plate height
H	Well diameter top
H'	Well diameter bottom
I	Flange or skirt height
K	Well bottom elevation*

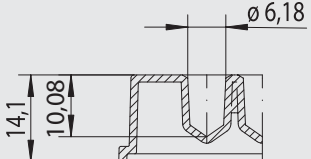



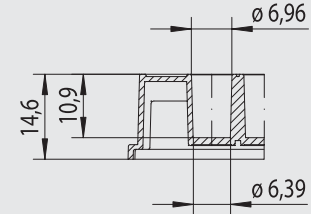

* See Overview on p. 14/15

96 Well Microplates

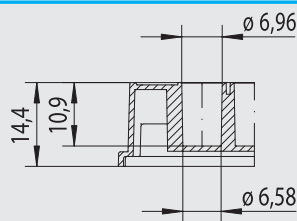
96 Well Polystyrene Microplates

U-bottom			
			
		<ul style="list-style-type: none"> 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			
			
		<ul style="list-style-type: none"> 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			
			
		<ul style="list-style-type: none"> 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

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 μ l
■ Working volume:	25-340 μ l

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 well, solid, clear, Poly-L-Lysine, with lid	5	20
655 950	F-bottom / chimney well, 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

 μ Clear® bottom, white

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

 μ Clear® bottom, black

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

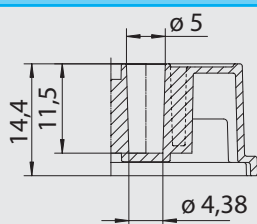
lumox™ bottom, black

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

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 μ l
- Working volume: 15-75 μ l

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

 μ Clear® bottom, white

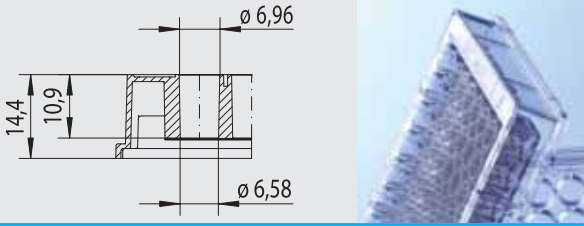
Cat. No.	Description	Qty./bag	Qty./case
675 098	Half Area, μ Clear® bottom, white, cell culture treated, sterile, with lid	8	32
675 095	Half Area, μ Clear® bottom, white, non-sterile, med. binding	10	40
675 094	Half Area, μ Clear® bottom, white, sterile, high binding	10	40

 μ Clear® bottom, black

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

96 Well UV-Star® Microplates

F-bottom / chimney well

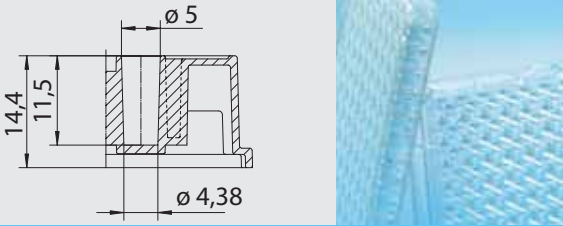


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 392 µl
- Working volume: 25-340 µl

µClear® bottom, clear

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

Half Area



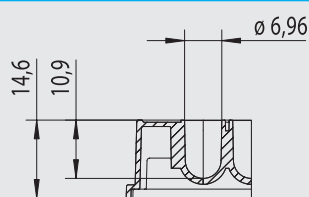
- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 199 µl
- Working volume: 15-175 µl

µClear® bottom, clear

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

96 Well Polypropylene Microplates

U-bottom / chimney well

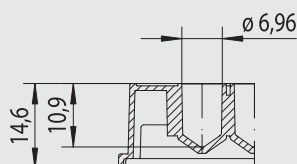


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 355 μ l
- Working volume: 50-300 μ l

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

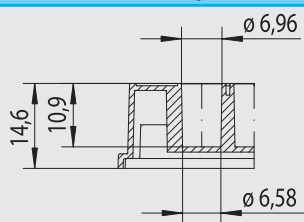


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 340 μ l
- Working volume: 50-335 μ l

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

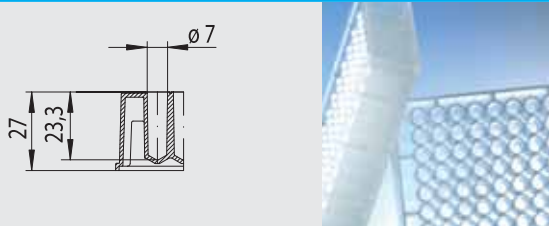


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 392 μ l
- Working volume: 25-370 μ l

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

MASTERBLOCK®, 0.5 ml

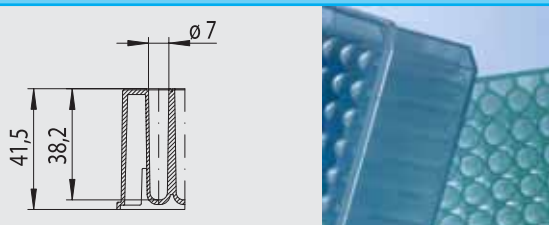


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 0.78 ml
- Working volume: 0.03-0.65 ml (RT) / 0.03-0.55 ml (-20°C)

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



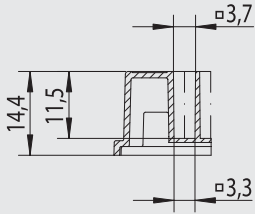

- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 11.24 mm
- A1 Column offset: 14.38 mm
- Well spacing (center to center): 9.0 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 2.42 ml
- Working volume: 0.1-2.1 ml (RT) / 0.1-2.0 ml (-20°C)

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

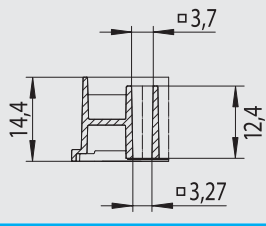

384 Well Microplates

384 Well Polystyrene Microplates

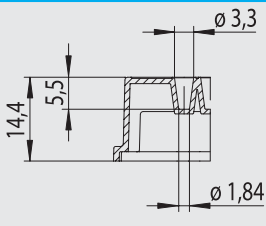

F-bottom			
			
		<ul style="list-style-type: none"> ■ Footprint (length x width): 127.76 x 85.48 mm ■ A1 Row offset: 8.99 mm ■ A1 Column offset: 12.13 mm ■ Well spacing (center to center): 4.5 mm ■ Flange or skirt height: 2.5 mm ■ Mathematical volume: 138 μl ■ Working volume: 10-130 μl 	
Solid bottom, 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
μ Clear® bottom, white			
Cat. No.	Description	Qty./bag	Qty./case
781 093	F-bottom, μ Clear® bottom, white, cell culture treated, sterile	10	40
781 098	F-bottom, μ Clear® bottom, white, cell culture treated, sterile, with lid	8	32
781 095	F-bottom, μ Clear® bottom, white, non-sterile, med. binding	10	40
781 094	F-bottom, μ Clear® bottom, white, sterile, high binding	10	40
781 944	F-bottom, μ Clear® bottom, white, Poly-D-Lysine, with lid	5	20
μ Clear® bottom, black			
Cat. No.	Description	Qty./bag	Qty./case
781 092	F-bottom, μ Clear® bottom, black, cell culture treated, sterile	10	40
781 091	F-bottom, μ Clear® bottom, black, cell culture treated, sterile, with lid	8	32
781 090	F-bottom, μ Clear® bottom, black, cell culture treated, sterile, with lid	20	120
781 096	F-bottom, μ Clear® bottom, black, non-sterile, med. binding	10	40
781 097	F-bottom, μ Clear® bottom, black, sterile, high binding	10	40
781 946	F-bottom, μ Clear® bottom, black, Poly-D-Lysine, with lid	5	20
781 948	F-bottom, μ Clear® bottom, black, Poly-D-Lysine, with lid	20	120
781 936	F-bottom, μ Clear® bottom, black, Poly-L-Lysine, with lid	5	20
781 956	F-bottom, μ Clear® bottom, black, Collagen Type I, with lid	5	20

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			
		<ul style="list-style-type: none"> 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 	

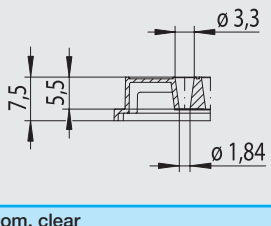

Glass bottom, black			
Cat. No.	Description	Qty./bag	Qty./case
781 856	SensoPlate™ Plus, F-bottom, extra LoBase, glass bottom, black, non-sterile	1	16

Small Volume™ HiBase			
		<ul style="list-style-type: none"> 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

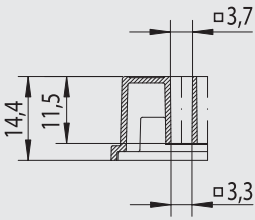

Small Volume™ LoBase			
		<ul style="list-style-type: none"> Footprint (length x width): 127.76 x 85.48 mm A1 Row offset: 8.99 mm A1 Column offset: 12.13 mm Well spacing (center to center): 4.5 mm Flange or skirt height: 2.0 mm Mathematical volume: 28 µl Working volume: 4-25 µl 	

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

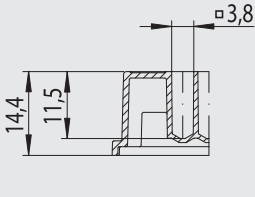

Solid bottom, white			
Cat. No.	Description	Qty./bag	Qty./case
788 073	Small Volume™ LoBase, solid, white, cell culture treated, sterile	10	80
788 075	Small Volume™ LoBase, solid, white, non-sterile, med. binding	10	80

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

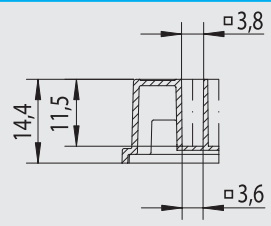

384 Well UV-Star® Microplates

F-bottom			
		<ul style="list-style-type: none"> 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			
		<ul style="list-style-type: none"> 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

F-bottom

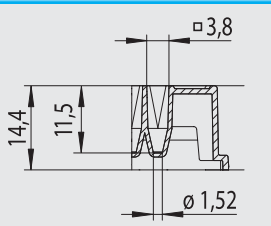




- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 152 μ l
- Working volume: 15-145 μ l

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 μ l (21 μ l in the frustrum)
- Working volume: 10-90 μ l

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



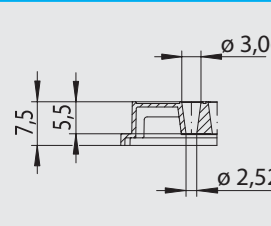


- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.5 mm
- Mathematical volume: 240 μ l
- Working volume: 20-225 μ l

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

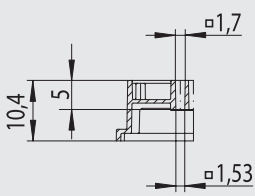

- Footprint (length x width): 127.76 x 85.48 mm
- A1 Row offset: 8.99 mm
- A1 Column offset: 12.13 mm
- Well spacing (center to center): 4.5 mm
- Flange or skirt height: 2.0 mm
- Mathematical volume: 28 μ l
- Working volume: 4-25 μ l

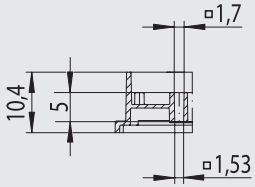

Solid bottom, clear

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

1536 Well Microplates

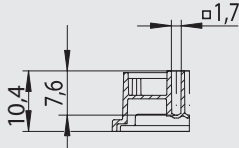

1536 Well Polystyrene Microplates

F-bottom HiBase			
			
		<ul style="list-style-type: none"> ■ 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
μ Clear® bottom, white			
Cat. No.	Description	Qty./bag	Qty./case
782 093	F-bottom HiBase, μ Clear® bottom, white, cell culture treated, sterile	15	60
782 095	F-bottom HiBase, μ Clear® bottom, white, non-sterile, med. binding	15	60
782 094	F-bottom HiBase, μ Clear® bottom, white, sterile, high binding	15	60
μ Clear® bottom, black			
Cat. No.	Description	Qty./bag	Qty./case
782 092	F-bottom HiBase, μ Clear® bottom, black, cell culture treated, sterile	15	60
782 096	F-bottom HiBase, μ Clear® bottom, black, non-sterile, med. binding	15	60
782 097	F-bottom HiBase, μ Clear® 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

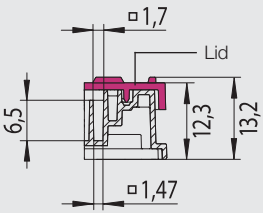

F-bottom LoBase			
			
		<ul style="list-style-type: none"> Footprint (length x width): 127.76 x 85.48 mm A1 Row offset: 7.87 mm A1 Column offset: 11.01 mm Well spacing (center to center): 2.25 mm Flange or skirt height: 2.0 mm Mathematical volume: 12.6 µl Working volume: 3-10 µl 	
Solid bottom, clear			
Cat. No.	Description	Qty./bag	Qty./case
783 101	F-bottom LoBase, solid, clear, non-sterile	15	60
Solid bottom, white			
Cat. No.	Description	Qty./bag	Qty./case
783 075	F-bottom LoBase, solid, white, non-sterile, LUMITRAC™ 200, med. binding	15	60
Solid bottom, black			
Cat. No.	Description	Qty./bag	Qty./case
783 076	F-bottom LoBase, solid, black, non-sterile, FLUOTRAC™ 200, med. binding	15	60
µClear® bottom, white			
Cat. No.	Description	Qty./bag	Qty./case
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			
Cat. No.	Description	Qty./bag	Qty./case
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			
Cat. No.	Description	Qty./bag	Qty./case
783 892	SensoPlate™, F-bottom LoBase, glass bottom, black, sterile, with lid	1	16

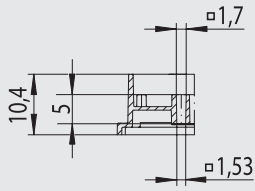

F-bottom extra LoBase			
			
		<ul style="list-style-type: none"> Footprint (length x width): 127.76 x 85.48 mm A1 Row offset: 7.87 mm A1 Column offset: 11.01 mm Well spacing (center to center): 2.25 mm Flange or skirt height: 2.0 mm Mathematical volume: 13 µl Working volume: 3-10 µl 	
Glass bottom, clear			
Cat. No.	Description	Qty./bag	Qty./case
783 856	SensoPlate™ Plus, F-bottom extra LoBase, glass bottom, black, non-sterile	1	16

1536 Well Polypropylene Microplates

V-bottom, Deep Well														
		<ul style="list-style-type: none"> 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 												
		<p>Solid bottom, natural</p> <table border="1"> <thead> <tr> <th>Cat. No.</th> <th>Description</th> <th>Qty./bag</th> <th>Qty./case</th> </tr> </thead> <tbody> <tr> <td>782 261</td> <td>V-bottom, Deep Well, solid, natural, sterile</td> <td>15</td> <td>60</td> </tr> <tr> <td>782 270</td> <td>V-bottom, Deep Well, solid, natural, non-sterile</td> <td>15</td> <td>60</td> </tr> </tbody> </table>		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
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										
		<ul style="list-style-type: none"> 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 								
		<p>Solid bottom, clear</p> <table border="1"> <thead> <tr> <th>Cat. No.</th> <th>Description</th> <th>Qty./bag</th> <th>Qty./case</th> </tr> </thead> <tbody> <tr> <td>792 870-906</td> <td>F-bottom, solid, clear, non-sterile, for acoustic liquid handling</td> <td>15</td> <td>60</td> </tr> </tbody> </table>		Cat. No.	Description	Qty./bag	Qty./case	792 870-906	F-bottom, solid, clear, non-sterile, for acoustic liquid handling	15
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										
		<ul style="list-style-type: none"> 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 								
		<p>Solid bottom, clear</p> <table border="1"> <thead> <tr> <th>Cat. No.</th> <th>Description</th> <th>Qty./bag</th> <th>Qty./case</th> </tr> </thead> <tbody> <tr> <td>783 860-906</td> <td>F-bottom LoBase, clear, non-sterile, for acoustic liquid handling</td> <td>10</td> <td>40</td> </tr> </tbody> </table>		Cat. No.	Description	Qty./bag	Qty./case	783 860-906	F-bottom LoBase, clear, non-sterile, for acoustic liquid handling	10
Cat. No.	Description	Qty./bag	Qty./case							
783 860-906	F-bottom LoBase, clear, non-sterile, for acoustic liquid handling	10	40							

Microplate Dimensions Overview

Description		Plate length [mm]	Plate width [mm]	Plate height [mm]
Well geometry	Cat. No.			
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 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 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

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) 30-550 (-20°C)
11.24	14.38	9.0	38.2	7.0 / 5.97	3.3	2.5	1220	50-1100 (RT) 50-1000 (-20°C)
11.24	14.38	9.0	41.0	8.2 / 7.37	3	2.5	2420	100-2100 (RT) 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

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/CO₂ 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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