

# Cell Culture Products

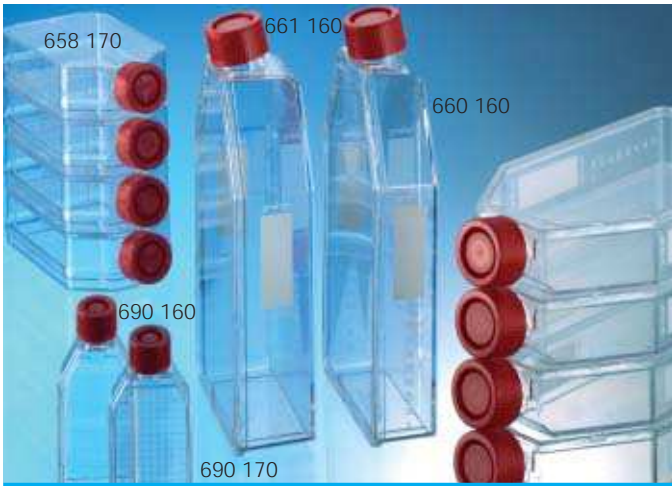
## CELLSTAR® Standard Cell Culture Flasks

For cell culture, Greiner Bio-One offers Standard and Filter Cap Cell Culture Flasks with growth areas of 25 cm<sup>2</sup>, 75 cm<sup>2</sup> and 175 cm<sup>2</sup>. Suspension culture flasks complete the range in the sizes 50 ml, 250 ml, 550 ml and 650 ml.

with medium, and thus provides additional protection against contamination. The stacking ridge on the top of the flasks makes them easy to stack and ensures that they stand firmly in the incubator. Both sides have a printed or engraved graduation, for easier filling.

All Greiner Bio-One cell culture flasks are made of high-grade polystyrene. For adherent cell growth, the surfaces of our Standard and Filter Cap Cell Culture Flasks are also pre-treated, to improve cell adhesion and proliferation.

The special design of our cell culture flasks makes it possible to efficiently reach the cell lawn with a cell scraper, whilst still providing optimal access with a pipette. The neck of the high profile flask reduces the risk of wetting the inside of the cap

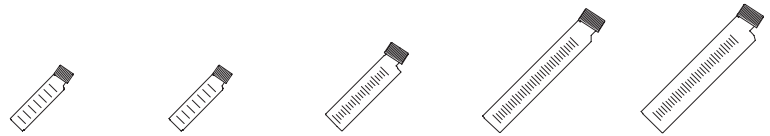


### Standard Cell Culture Flasks

- Improved cell adhesion through physical surface treatment
- Cell culture flasks with a standard screw cap (without filter)
- Canted neck
- Graduation on the side
- Sterile and user-friendly packaging
- 25 cm<sup>2</sup>, 75 cm<sup>2</sup> and 175 cm<sup>2</sup> growth areas
- High and flat design of the 175 cm<sup>2</sup> cell culture flask for variability of the medium volume

DNase-free  
RNase-free  
human DNA-free  
non-Pyrogenic

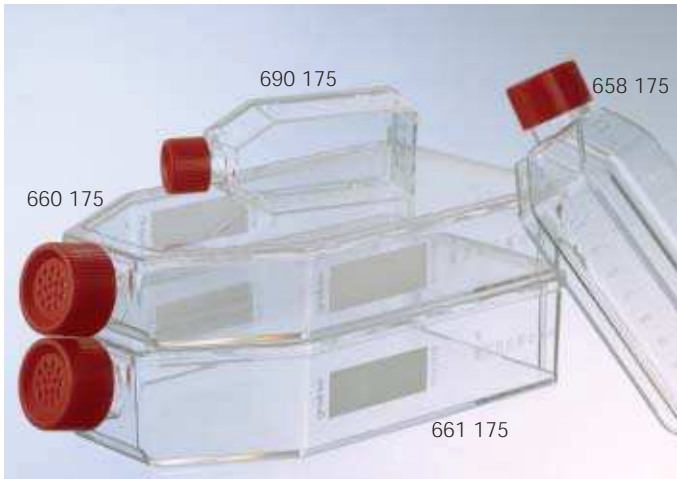
non-  
cytotoxic



Cat.-No.	690 160	690 170 <sup>*)</sup>	658 170	660 160	661 160
Flask design				flat	high
Growth area [cm <sup>2</sup> ]	25	25	75	175	175
Max. volume [ml]	50	50	250	550	650
Working volume [ml]	5 – 10	5 – 10	15 – 38	20 – 45	20 – 85
TC surface treatment	+	+	+	+	+
Sterile	+	+	+	+	+
Standard screw cap	red	red	red	red	red
Quantity per bag/case	10/200	10/200	5/120	5/50	4/40

<sup>\*)</sup> with measuring grid

## CELLSTAR® Filter Cap Cell Culture Flasks



### Filter Cap Cell Culture Flasks

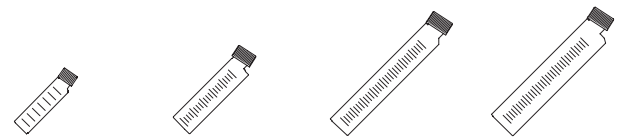
- Improved cell adhesion through physical surface treatment
- Cell culture flasks with filter screw cap
- Canted neck
- Graduation on the side
- Sterile and user-friendly packaging
- 25 cm<sup>2</sup>, 75 cm<sup>2</sup> and 175 cm<sup>2</sup> growth areas
- High and flat design of the 175 cm<sup>2</sup> cell culture flasks for variability of the medium volume

Capillary pore membranes are used for the filter screw caps of our filter cap cell culture flasks. This is a patented membrane, with a defined pore diameter of 0.2 µm. The inner surface of the membrane material PET is coated with hydrophobic PTFE which prevent a wetting of the inside of the cap with medium. A optimal gas exchange is guaranteed and at the same time the risk of contamination minimised.

- Risk of contamination minimised
- Optimal gas exchange through a high airflow rate of the membrane
- USP Class VI tested
- Additionally standard screw caps (without filter) in each case

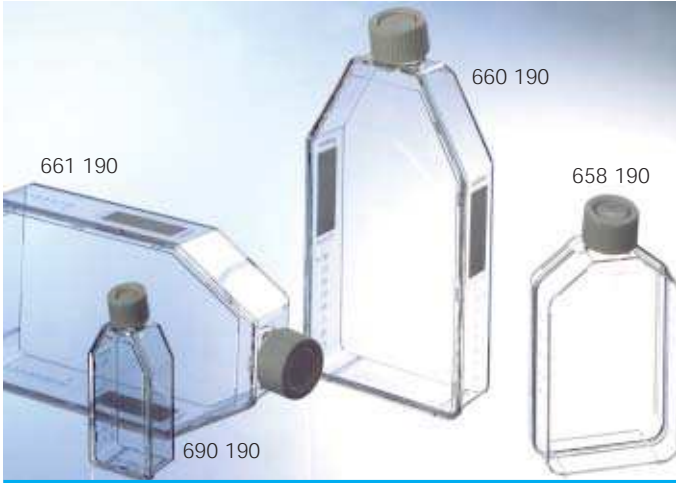
DNase-free  
RNase-free  
human DNA-free  
non-Pyrogenic

non-cytotoxic



Cat.-No.	690 175	658 175	660 175	661 175
Flask design			flat	high
Growth area [cm <sup>2</sup> ]	25	75	175	175
Max. volume [ml]	50	250	550	650
Working volume [ml]	5 – 10	15 – 38	20 – 45	20 – 85
TC surface treatment	+	+	+	+
Sterile	+	+	+	+
Filter screw cap	red	red	red	red
Quantity per bag/case	10/200	5/120	5/50	4/40

CELLSTAR® Suspension Culture Flasks

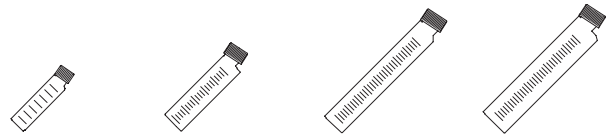


Standard Suspension Culture Flasks

- Hydrophobic surface, ideal for suspension cultures and hybridoma
- Suspension culture flasks with standard screw cap (without filter)
- Easily distinguished by their white screw caps
- Canted neck
- Graduation on the side
- Sterile and user-friendly packaging
- 50 ml, 250 ml, 550 ml and 650 ml volumes available

DNase-free  
RNase-free  
human DNA-free  
non-Pyrogenic

non-  
cytotoxic



Cat.-No.	690 190	658 190	660 190	661 190
Flask design			flat	high
Volume [ml]	50	250	550	650
TC surface treatment	-/suspension	-/suspension	-/suspension	-/suspension
Sterile	+	+	+	+
Standard screw cap	white	white	white	white
Quantity per bag/case	10/200	5/120	5/50	4/40



Filter Top Suspension Culture Flasks

- Hydrophobic surface, ideal for suspension cultures and hybridoma
- Suspension culture flasks with filter screw cap
- Graduation on the side
- Sterile and user-friendly packaging
- Canted neck
- Additionally standard screw caps (no filter) in each case

DNase-free  
RNase-free  
human DNA-free  
non-Pyrogenic

non-  
cytotoxic



Cat.-No.	690 195	658 195	661 195
Flask design	-	-	high
Volume [ml]	50	250	650
TC surface treatment	-/suspension	-/suspension	-/suspension
Sterile	+	+	+
Filter screw cap	white	white	white
Quantity per bag/case	10/200	5/120	4/40