

# CELLMASTER®

## Cell Culture Roller Bottles

Greiner Bio-One roller bottles with a smooth or ribbed surface are made of polystyrene or PET, range in size from 850 cm<sup>2</sup> to 4250 cm<sup>2</sup> growth area and are available either with standard or filter screw caps. The filter membrane is a hydrophobic capillary pore membrane with a defined pore size of 0.2 µm that guarantees optimal protection against contamination. It provides a high gas exchange rate which enables a mass cultivation of cells using e.g. bicarbonate buffer and CO<sub>2</sub>.

The safety screw cap enables a tight closing and contamination-free cultivation.

All roller bottles are sterilised by irradiation. Pyrogen testing is conducted in accordance with FDA guidelines with a tolerance level of 0.03 EU/ml.

The product range includes a short and a long form. The sizes are labelled as X (short) and XL (long). Both sizes are available with a smooth or radially ribbed surface. The ribbed design increases the growth area of the roller bottle without changing the height.

### Key Facts

- Made of highly transparent polystyrene or PET/ PETG
- Certified USP Class IV end product testing
- Expiry date and lot number on each roller bottle
- Filter cap with 0.2 µm capillary pore membrane
- Seamless blow-moulding technique rules out leaking seams



### Ordering Information

Cat. No.	Product Description	Quantity per Bag	Quantity per Case
<b>Polystyrene Roller Bottles</b>			
680 060	1 X roller bottle, PS, smooth, 850 cm <sup>2</sup> , standard screw cap, sterile	2	24
680 065	1 X roller bottle, PS, smooth, 850 cm <sup>2</sup> , standard screw cap, sterile	24	24
681 060	2 X roller bottle, PS, ribbed, 1700 cm <sup>2</sup> , standard screw cap, sterile	2	24
681 065	2 X roller bottle, PS, ribbed, 1700 cm <sup>2</sup> , standard screw cap, sterile	24	24
681 070	2.5 X roller bottle, PS, ribbed, 2125 cm <sup>2</sup> , standard screw cap, sterile	2	24
681 075	2.5 X roller bottle, PS, ribbed, 2125 cm <sup>2</sup> , standard screw cap, sterile	24	24
682 012	1 XL roller bottle, PS, smooth, 1700 cm <sup>2</sup> , standard screw cap, sterile	12	12
682 060	1 XL roller bottle, PS, smooth, 1700 cm <sup>2</sup> , standard screw cap, sterile	1	12
682 070	5 XL, roller bottle, PS, ribbed, 4250 cm <sup>2</sup> , standard screw cap, sterile	1	12
682 075	5 XL, roller bottle, PS, ribbed, 4250 cm <sup>2</sup> , standard screw cap, sterile	12	12
680 058	1 X roller bottle, PS, smooth, 850 cm <sup>2</sup> , filter screw cap, sterile	2	24
680 068	1 X roller bottle, PS, smooth, 850 cm <sup>2</sup> , filter screw cap, sterile	24	24
682 015	1 XL roller bottle, PS, smooth, 1700 cm <sup>2</sup> , filter screw cap, sterile	12	12
682 065	1 XL roller bottle, PS, smooth, 1700 cm <sup>2</sup> , filter screw cap, sterile	1	12
681 062	2 X roller bottle, PS, ribbed, 1700 cm <sup>2</sup> , filter screw cap, sterile	2	24
681 072	2.5 X roller bottle, PS, ribbed, 2125 cm <sup>2</sup> , filter screw cap, sterile	2	24
682 078	5 XL, roller bottle, PS, ribbed, 4250 cm <sup>2</sup> , filter screw cap, sterile	1	12
<b>PET / PETG Roller Bottles</b>			
680 160	1 X, roller bottle, PET, smooth, 850 cm <sup>2</sup> , standard screw cap, sterile	1	18
680 170	1 X, roller bottle, PET, smooth, 850 cm <sup>2</sup> , standard screw cap, sterile	30	30
680 180	1 X, roller bottle, PET, smooth, 850 cm <sup>2</sup> , standard screw cap, sterile, black graduation	1	18
681 160	2 X, roller bottle, PETG, ribbed, 1700 cm <sup>2</sup> , standard screw cap, sterile	20	20
681 170	2,5 X, roller bottle, PETG, ribbed, 2125 cm <sup>2</sup> , standard screw cap, sterile	5	20
682 160	5 XL roller bottle, PETG, ribbed, 4250 cm <sup>2</sup> , standard screw cap, sterile	22	22
682 180	1 XL roller bottle, PETG, smooth, 1800 cm <sup>2</sup> , standard screw cap, sterile	22	22

#### CELLMASTER™ Nomenclature

- Two different sizes: Short form labelled with X, long form labelled with XL.
- With smooth or ribbed surface: The figure in front of the X or XL indicates the multiplication factor by which the surface of a ribbed type increases compared to the short smooth roller bottle with 850 cm<sup>2</sup>.
- Short forms with a ribbed design have a 2-fold or 2.5-fold expanded growth area (2 X or 2.5 X).
- Long roller bottles with a ribbed design have a 5-fold expanded growth area (5 XL) compared to the smooth short form (1 X).