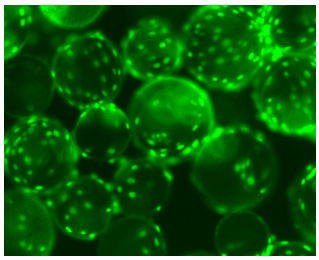
Corning® Microcarriers

CORNING



hMSC on Corning Synthemax II microcarriers



100 g and 500 g bottles with aseptic transfer caps

Corning Microcarriers simplify the scale-up process. The beads arrive sterile, ready-to-use, and are available with surface treatments to enhance cell attachment and maximize cell yield and viability. Closed systems packaging is also available for use with bioreactors.

Features

- USP Class VI polystyrene material provides a consistent platform
- Available untreated or with three different surface treatments
- Sterility Assurance Level (SAL) of 10^{-6}
- Nonpyrogenic
- Large sizes available with closed systems packaging

Microcarrier Surfaces

Surface	Properties	Bead Size (µm)	Approx. Density (cm^3/g)	Surface Area (cm^2/g)	10 g Vial	100 g Bottle	500 g Bottle	Closed System
Enhanced Attachment Corning CellBIND®	Incorporates more oxygen into the cell culture surface, rendering it more hydrophilic and increasing cell attachment. No special handling or storage required. Nonbiological.	125 - 212	1.026	360	■	■	■	■
Low Concentration Corning Synthemax™ II	Synthetic surface for stem cell expansion. Recommended for MSCs.	125 - 212	1.026	360	■	■	■	■
Collagen-coated	Extracellular matrix protein enhances attachment and performance of some cell types.	125 - 212	1.026	360	■			
Untreated		125 - 212	1.026	360	■	■		

Closed Systems Packaging

Corning microcarriers with Corning CellBIND, low concentration Synthemax II, and untreated surfaces are available in 100 g and 500 g bottles that can be fitted with Corning aseptic transfer caps to prevent adventitious contamination during bioreactor loading. The transfer caps are available with either a male Luer lock quick connector or an MPC quick connect. Microcarriers and aseptic transfer caps are sold separately.

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Ordering Information

Corning® Microcarriers



10 g vials

Cat. No.	Description	Size	Qty/Cs
3779	Corning CellBIND® surface microcarriers	10 g	1
4620	Corning CellBIND surface microcarriers	100 g	1
4621	Corning CellBIND surface microcarriers	500 g	1
3781	Corning low concentration Synthemax™ II microcarriers	10 g	1
4622	Corning low concentration Synthemax II microcarriers	100 g	1
4623	Corning low concentration Synthemax II microcarriers	500 g	1
3786	Corning Collagen-coated microcarriers	10 g	1
3772	Corning untreated microcarriers	10 g	1
4624	Corning untreated microcarriers	100 g	1

Aseptic Transfer Caps for 100 g and 500 g Sizes

Cat. No.	Description	Tubing	Tubing Length with Connector	Tubing Connection	Qty/Cs
4626	Aseptic transfer cap for 100 g bottles	Chemically resistant, heat sealable flexible tubing, 1/8" ID, 1/4" OD	30" (76.2 cm)	MLL	1
4627	Aseptic transfer cap for 100 g bottles	Chemically resistant, heat sealable flexible tubing, 1/4" ID, 3/8" OD	30" (76.2 cm)	MPC	1
4628	Aseptic transfer cap for 500 g bottles	Chemically resistant, heat sealable flexible tubing, 1/8" ID, 1/4" OD	30" (76.2 cm)	MLL	1
4629	Aseptic transfer cap for 500 g bottles	Chemically resistant, heat sealable flexible tubing, 1/4" ID, 3/8" OD	30" (76.2 cm)	MPC	1

MLL: Male Luer lock; MPC: Medical plastic coupler

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How to Purchase: For specific availability in your region and purchasing options, terms and conditions of sale, customer/product support, and certificates, visit **www.corning.com/how-to-buy**.

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