

Corning® CellSTACK® Culture Chambers



- ▶ Available in five sizes:
 - 1-Layer with 636 cm² cell growth area
 - 2-Layer with 1,272 cm² cell growth area
 - 5-Layer with 3,180 cm² cell growth area
 - 10-Layer with 6,360 cm² cell growth area
 - 40-Layer with 25,440 cm² cell growth area
- ▶ Choice of traditional tissue culture (TC) treatment, Corning CellBIND® surface for enhanced cell attachment, or Ultra-Low Attachment (ULA) surface for reduced cell attachment on select CellSTACK chambers.
 - Corning CellBIND surface
 - Great for reducing serum levels
 - Better attachment increases cell yields
 - Ultra-Low Attachment surface
 - Maintains cells in an unattached state
 - Prevents stem cells from attachment-mediated differentiation
 - Reduces binding of attachment and serum proteins to the substrate
- ▶ Greater chamber durability
 - Superior mechanical strength and structural integrity
 - Standard 33 mm vented caps offer larger openings with threaded closures
 - 100% leak-tested prior to shipping
- ▶ Nonpyrogenic
- ▶ Sterility Assurance Level (SAL) of 10⁻⁶
- ▶ Manufactured under cGMP conditions

Corning CellSTACK Culture Chambers

Cat. No.	Description	Surface	Growth Area (cm ²)	Qty/Pk	Qty/Cs
3303	CellSTACK 1-chamber	Ultra-Low Attachment	636	1	8
3330	CellSTACK 1-chamber	Corning CellBIND	636	1	8
3268	CellSTACK 1-chamber	TC-treated	636	1	8
3310	CellSTACK 2-chamber	Corning CellBIND	1,272	1	5
3269	CellSTACK 2-chamber	TC-treated	1,272	1	5
3311	CellSTACK 5-chamber	Corning CellBIND	3,180	1	2
3319	CellSTACK 5-chamber	TC-treated	3,180	1	2
3313	CellSTACK 5-chamber	TC-treated	3,180	1	8
3320	CellSTACK 10-chamber	Corning CellBIND	6,360	1	6
3312	CellSTACK 10-chamber	Corning CellBIND	6,360	1	2
3270	CellSTACK 10-chamber	TC-treated	6,360	1	2
3271	CellSTACK 10-chamber	TC-treated	6,360	1	6
3321	CellSTACK 40-chamber	Corning CellBIND	25,440	1	2
3272	CellSTACK 40-chamber	TC-treated	25,440	1	2



Corning CellSTACK stacking device

Corning® CellSTACK® Accessories

Corning offers a variety of accessories to simplify handling and reduce contamination risks when processing Corning CellSTACK chambers.

Better Filling

Optional filling caps allow direct aseptic transfer of media and cells via pumping or gravity feed. Coupling devices are available with or without integrally sealed, chemically resistant, heat-sealable flexible tubing. Optional filling caps with attached hydrophobic membrane filters provide for gas exchange and faster aseptic venting during liquid transfers. Additional sterile vented or unvented 33 mm replacement caps are also available (see table below).

Better Options

For additional filling and fluid management options for our CellSTACK vessels, consider Corning's suite of closed system solutions. These solutions provide sterile, easy-to-use options that are available as stand-alone manifolds or accessories, or pre-integrated on the CellSTACK vessel. Contact your Corning Bioprocess Specialist for available closed system products or to configure one specifically for your process (see Closed System Solutions for Corning CellSTACK vessels section).

Corning CellSTACK Accessories

Cat. No.	Description	Qty/Pk	Qty/Cs
3331	Corning CellSTACK stacking device, ABS, nonsterile	1	5
3732	Universal cap, polyethylene, 33 mm, with vented overcap, double-bagged, sterile	1	4
3969	Solid cap, polyethylene, 33 mm, sterile	1	6
3968	Vent cap, polyethylene, 33 mm, 0.2 µm membrane, sterile	1	6



Universal cap, vented overcap



Solid cap, not vented



Vented cap

Aseptic Transfer Caps for Corning CellSTACK Culture Chambers

Cat. No.	Description	Tubing/Cap Inside Diam.	Tubing Length	Tubing Connection	Qty/Pk	Qty/Cs
3282	Fill cap with tubing, FLL	1/8"	18"	FLL	1	5
3333	Fill cap with Male MPC	1/4"	28"	Male MPC	1	4
3328	Fill cap with Female MPC	1/4"	N/A	Female MPC	1	4
3334	Fill cap with Male MPC	1/4"	N/A	Male MPC	1	4
3283	Fill cap with tubing and barbed fittings	3/8"	18"	Barbed fitting	1	5
3339	Fill cap with Male MPC	3/8"	N/A	Male MPC	1	4
3329	Fill cap with Female MPC coupling	3/8"	N/A	Female MPC	1	4
11902	Fill cap with tubing and Female MPC	3/8"	28"	Female MPC	1	4
3284	Vent cap with tubing and 37 mm hydrophobic glass laminate 1.0 µm vent filter	1/4"	2 3/4"	N/A	1	4
3281	Vent cap with tubing and 50 mm hydrophobic PVDF 0.2 µm vent filter	3/8"	2 3/4"	N/A	1	5



Vent cap with tubing (Cat. No. 3281)

Aseptic Transfer Caps for Corning® CellSTACK® Culture Chambers (continued)



Fill cap, male MPC, 3/8" (9.5 mm) ID (Cat. No. 3339)

Cat. No.	Description	Tubing/Cap Inside Diam.	Tubing Length	Tubing Connection	Qty/ Pk	Qty/ Cs
3324	Two (2) vented over caps and one (1) solid over cap	N/A	N/A	N/A	5	100
11757	Barbed cap with Female MPC	3/8" ID	6"	Female MPC	1	5
11759	Barbed cap with AseptiQuik® G series	3/8" ID	24"	AseptiQuik® G series	1	5
11758	Barbed cap with Female MPC	3/8" ID	24"	Female MPC	1	5
3718	CellSTACK screw cap vent accessory with tubing and 50 mm hydrophobic PVDF 0.2 µm vent filter	3/8"	3"	N/A	1	5
3719	CellSTACK screw cap fill accessory with tubing	3/8"	15"	FLL	1	5
11931	CellSTACK manifold - 4 Luer and 2 MPC connections	N/A	N/A	N/A	1	4

FLL = female Luer lock, MPC = medical plastic coupler, MLL = male Luer lock.

Preassembled Closed System Solutions for Corning CellSTACK® Culture Chambers

Cat. No.	Description	Tubing	Tubing Length	Qty/ Pk	Qty/ Cs
11760*	CellSTACK 2-layer, Female MPC	Chemically resistant, heat sealable flexible tubing, 3/8" ID, 5/8" OD	6"	1	8
11761*	CellSTACK 5-layer, Female MPC	Chemically resistant, heat sealable flexible tubing, 3/8" ID, 5/8" OD	6"	1	4
11762*	CellSTACK 10-layer, Female MPC	Chemically resistant, heat sealable flexible tubing, 3/8" ID, 5/8" OD	6"	1	4
11763*	CellSTACK 2-layer, AseptiQuik® G series	Chemically resistant, heat sealable flexible tubing, 3/8" ID, 5/8" OD	24"	1	8
11764*	CellSTACK 5-layer, AseptiQuik® G series	Chemically resistant, heat sealable flexible tubing, 3/8" ID, 5/8" OD	24"	1	4
11765*	CellSTACK 10-layer, AseptiQuik® G series	Chemically resistant, heat sealable flexible tubing, 3/8" ID, 5/8" OD	24"	1	4
11766*	CellSTACK 2-layer, Female MPC	Chemically resistant, heat sealable flexible tubing, 3/8" ID, 5/8" OD	24"	1	8

*Made to order. Please contact your local Corning Account Representative for more information.