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Storage



Corning's Extensive Line of Axygen® Storage Products

Automation has greatly streamlined many standard lab tasks, including liquid handling and sample manipulation. However, these same methods have also increased the need for precisely engineered and consistently manufactured lab consumables. Count on Corning to be at the forefront of new product R&D and manufacturing improvements, ensuring your complete satisfaction with every item.

Assay Plates and Deep Well Microplates are used for sample collection, in vitro growth chambers and long-term storage. Made of polypropylene, they offer excellent chemical resistance and will withstand temperatures down to -80°C.

Single Well and Multiple Well Reservoirs are a complete line of reagent vessels in numerous formats for automated and manual applications. All are designed with standard ANSI/SLAS footprint dimensions for microplates for compatibility with most automation workstations and are made of polypropylene for excellent chemical resistance.

Axygen AxyMats are proprietary sealing mats designed for high throughput screening and storage applications. Made of research-grade silicone, they can be autoclaved. Following a bleach wash and ethanol rinse protocol, they can be reused. AxyMats are pierceable and self-sealing, ideal for automated processes and can be used in sub-zero environments.

Chemically Resistant Axygen ImpermaMats are a chemical-resistant line of sealing mats made for use in assays involving strong solvents such as DMSO and similarly harsh solvents. Specifically designed for Axygen deep well standard microplates, they contain no extractables to contaminate samples. These sealing mats are designed to withstand a wide temperature range from -80°C to +121°C, and they are autoclavable and reusable.



Axygen products are manufactured in a clean, controlled "state of the art" facility and are RNase-/DNase-/human gDNA-free and nonpyrogenic.

Deep Well and Assay Plates

Axygen® assay and deep well plates are used for sample collection, *in vitro* growth chamber, and long-term storage. Made of polypropylene. They offer excellent chemical resistance and will withstand temperatures down to -80°C.

- ▶ Standard ANSI/SLAS footprint with centrifugation to 4,000 RCF
- ▶ Diamond-shaped wells allow complete sample recovery and ultra flat surface ensures proper sealing of heat film.
- ▶ Plates and mats are bulk packaged.
- ▶ 24-well plates and mats are available in black and white by special order.
- ▶ 96-well microplates and mats are clear.

24-well Plates

Cat. No.	Description	Volume to Brim of Well (mL)	Working Volume (mL)	Volume with AxyMat (mL)	Packaging
P-DW-10ML-24-C	10 mL, 24-well deep well plate, square wells	11	10	–	5/pk, 5 pk/cs
P-DW-10ML-24-C-S	10 mL, 24-well deep well plate, square wells, sterile	11	10	–	5/pk, 5 pk/cs
AM-24-SQ	Pierceable sealing mat for 24-well deep well plates, square wells	–	–	9	10/pk, 5 pk/cs

48-well Plates

P-5ML-48-C	5 mL, 48-well deep well plate, rectangular wells	4.9	4.6	–	5/pk, 5 pk/cs
P-5ML-48-C-S	5 mL, 48-well deep well plate, rectangular wells, sterile	4.9	4.6	–	5/pk, 5 pk/cs
AM-48-IMP	Chemically resistant sealing mat for 5 mL 48-well deep well plates	–	–	4.0	10/pk, 5 pk/cs

96-well Microplates

P-1ML-SQ-C	1.1 mL, 96 square well deep well microplate	1.6	1.4	–	5/pk, 10 pk/cs
P-1ML-SQ-C-S	1.1 mL, 96 square well deep well microplate, sterile	1.6	1.4	–	5/pk, 5 pk/cs
AM-2ML-SQ-IMP	Chemically resistant sealing mat for 1.1 mL 96-well deep well microplates, square wells	–	–	1.1	10/pk, 5 pk/cs
P-2ML-SQ-C	2.2 mL, 96-well deep well microplate, square wells	2.3	2.2	–	5/pk, 5 pk/cs
P-2ML-SQ-C-S	2.2 mL, 96-well deep well microplate, square wells, sterile	2.3	2.2	–	5/pk, 5 pk/cs
AM-2ML-SQ	Pierceable 96-well square well sealing mat for 2.2 mL 96-well deep well microplates, square wells	–	–	1.9	10/pk, 5 pk/cs
AM-2ML-SQ-IMP	Chemically resistant sealing mat for 2.2 mL 96-well deep well microplates, square wells	–	–	1.9	10/pk, 5 pk/cs

96-well Microplates (continued)

Cat. No.	Description	Volume to Brim of Well	Working Volume	Volume with AxyMat	Packaging
P-DW-11-C	1.1 mL, 96-well deep well microplate, round wells	1.5 mL	1.1 mL	–	5/pk, 10 pk/cs
P-DW-11-C-S	1.1 mL, 96-well deep well microplate, round wells, sterile	1.5 mL	1.1 mL	–	5/pk, 10 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplate, round wells	–	–	0.95 mL	5/pk, 10 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	0.95 mL	10/pk, 5 pk/cs
P-DW-12-HC	1.2 mL, 96-well deep well high clarity microplate	1.35 mL	1.25 mL	–	5/pk, 10 pk/cs
P-DW-12-HC-S	1.2 mL, 96-well deep well high clarity microplate, sterile	–	–	–	5/pk, 10 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplate, round wells	–	–	1.1 mL	5/pk, 10 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	1.1 mL	10/pk, 5 pk/cs
P-DW-20-C	1.6 mL, 96-well deep well microplate, round wells	1.9 mL	1.8 mL	–	5/pk, 10 pk/cs
P-DW-20-C-S	1.6 mL, 96-well deep well microplate, round wells, sterile	1.9 mL	1.8 mL	–	5/pk, 10 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplates, round wells	–	–	1.5 mL	5/pk, 10 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	1.5 mL	10/pk, 5 pk/cs
P-DW-500-C	0.6 mL to 600 μ L, 96-well deep well microplate	610 μ L	560 μ L	–	5/pk, 10 pk/cs
P-DW-500-C-S	0.6 mL to 600 μ L, 96-well deep well microplate, sterile	610 μ L	560 μ L	–	5/pk, 10 pk/cs
AM-500UL-RD	Sealing mat for 600 μ L 96-well deep well microplates	–	–	450 μ L	10/pk, 5 pk/cs

96-well Microplates (continued)

Cat. No.	Description	Volume to Brim of Well	Working Volume	Volume with AxyMat	Packaging
P-96-450R-C	550 μ L, 96-well assay round bottom microplate	550 μ L	450 μ L	–	10/pk, 5 pk/cs
P-96-450R-C-S	550 μ L, 96-well assay round bottom microplate, sterile	550 μ L	450 μ L	–	10/pk, 5 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplates, round wells	–	–	350 μ L	10/pk, 5 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	350 μ L	10/pk, 5 pk/cs

P-96-450V-C	500 μ L, 96-well assay V-bottom microplate	500 μ L	450 μ L	–	10/pk, 5 pk/cs
P-96-450V-C-S	500 μ L, 96-well assay V-bottom microplate, sterile	500 μ L	450 μ L	–	10/pk, 5 pk/cs
AM-2ML-RD	Pierceable sealing mat for 96-well assay microplates, round wells	–	–	350 μ L	10/pk, 5 pk/cs
AM-2ML-RD-IMP	Chemically resistant sealing mat for 96-well assay microplates, round wells	–	–	350 μ L	10/pk, 5 pk/cs

384-well Microplates

P-384-120SQ-C	120 μ L, 384-well deep well microplate	135 μ L	125 μ L	–	5/pk, 10 pk/cs
P-384-120SQ-C-S	120 μ L, 384-well deep well microplate, sterile	135 μ L	125 μ L	–	5/pk, 10 pk/cs
AM-384-DW-SQ	Pierceable sealing mat for 384-well microplates, square wells	–	–	90 μ L	10/pk, 5 pk/cs
AM-384-SQ-IMP	Chemically resistant sealing mat for 384-well microplates, square wells	–	–	90 μ L	10/pk, 5 pk/cs

P-384-240SQ-C	240 μ L, 384 deep well microplate "Diamond Plate," square wells	255 μ L	240 μ L	–	5/pk, 10 pk/cs
P-384-240SQ-C-S	240 μ L, 384 deep well microplate "Diamond Plate," square wells, sterile	255 μ L	240 μ L	–	5/pk, 10 pk/cs
AM-384-DW-SQ	Pierceable sealing mat for 384-well microplates, square wells	–	–	210 μ L	10/pk, 5 pk/cs
AM-384-SQ-IMP	Chemically resistant sealing mat for 384-well microplates, square wells	–	–	210 μ L	10/pk, 5 pk/cs

Compound Library Storage – Mini Tube System (MTS)

Axygen® Mini Tube Systems are available in 0.65 mL single mini tube or 1.1 mL single mini tube. They are also available in 8-cap or 12-cap strip format. Mini Tube System racks are compatible with Beckman Coulter, Tecan, and other automation workstations.

- ▶ Rack features a one-way lid design and alpha-numeric grid
- ▶ Molded-in condensation rings on the lid minimize cross contamination

Cat. No.	Description	Tube Volume (mL)	Pack Type	Packaging
MTS-11-C	Mini tube, single	1.1	Bulk	960/bag, 5 bags/cs
MTS-11-C-R	Mini tube, single	1.1	Racked	96/rack, 10 racks/pk, 5 pk/cs
MTS-11-C-R-S	Mini tube, single, sterile	1.1	Racked	96/rack, 10 racks/pk, 5 pk/cs
MTS-11-8-C	Mini tube, 8-strip	1.1	Bulk	120/bag, 5 bags/cs
MTS-11-8-C-R	Mini tube, 8-strip	1.1	Racked	12/rack, 10 racks/pk, 5 pk/cs
MTS-11-8-C-R-S	Mini tube, 8-strip, sterile	1.1	Racked	12/rack, 10 racks/pk, 5 pk/cs
MTS-11-12-C	Mini tube, 12-strip	1.1	Bulk	80/bag, 5 bags/cs
MTS-11-12-C-R	Mini tube, 12-strip	1.1	Racked	8/rack, 10 racks/pk, 5 pk/cs
MTS-11-12-C-R-S	Mini tube, 12-strip, sterile	1.1	Racked	8/rack, 10 racks/pk, 5 pk/cs
MTS-06-C	Mini tube, single	0.65	Bulk	960/bag, 5 bags/cs
MTS-06-C-R	Mini tube, single	0.65	Racked	96/rack, 10 racks/pk, 5 pk/cs
MTS-06-C-R-S	Mini tube, single, sterile	0.65	Racked	96/rack, 10 racks/pk, 5 pk/cs
MTS-8CP-C	Mini tube, 8-cap strip	–	Bulk	120/pk, 5 pk/cs
MTS-8CP-C-S	Mini tube, 8-cap strip, sterile	–	Bulk	120/pk, 5 pk/cs
MTS-12CP-C	Mini tube, 12-cap trip	–	Bulk	80/pk, 5 pk/cs
MTS-12CP-C-S	Mini tube, 12-cap strip, sterile	–	Bulk	80/pk, 5 pk/cs



Reagent Reservoirs

Corning offers a complete line of Axygen® single-well and multiple-well reagent reservoirs which are available in multiple formats for automated and manual use. All reservoirs are designed to comply with standard ANSI/SLAS footprint dimensions for microplates and are compatible with most automation workstations. Reagent reservoirs are manufactured with polypropylene for excellent chemical resistance.

- ▶ Durable and cost effective
- ▶ Various formats for multiple applications

Single Well, 96-well Reservoirs

Cat. No.	Description	Volume (mL)	Color	Packaging
RES-SW96-LP	96 bottom troughs, low profile	86	Clear	25/cs

RES-SW96-HP	96 bottom troughs, high profile	240	Clear	25/cs
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Single Well, 384-well Reservoirs

Cat. No.	Description	Volume (mL)	Color	Packaging
RES-SW384-LP	384 bottom, low profile	92	Clear	25/cs

RES-SW384-FX	384 bottom, medium profile	170	Clear	25/cs
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Reagent Reservoirs (Continued)**Single Well, Low and High Profile Reservoirs**

Cat. No.	Description	Volume (mL)	Maximum Volume/Well	Color	Packaging
RES-SW1-LP	1 flat bottom, low profile	90	–	Clear	25/cs
RES-SW8-HP	8-channel troughs, high profile	290	–	Clear	25/cs
RES-SW8-HP-S	8-channel troughs, high profile, sterile	290	–	Clear	25/cs
RES-SW12-HP	12-channel troughs, high profile	290	–	Clear	25/cs

Multiple Well, Low and High Profile Reservoirs

Cat. No.	Description	Volume (mL)	Maximum Volume/Well (mL)	Color	Packaging
RES-MW4-HP	4-channel troughs, high profile	280	70 mL	Clear	25/cs
RES-MW8-LP	8-channel troughs, low profile	80	10 mL	Clear	25/cs
RES-MW8-HP	8-channel troughs, high profile	240	30 mL	Clear	25/cs
RES-MW12-LP	12-channel troughs, low profile	84	7 mL	Clear	25/cs
RES-MW12-HP	12-channel troughs, high profile	264	22 mL	Clear	25/cs



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