

XytoFlex™

Cell Expansion Biocontainers Assemblies

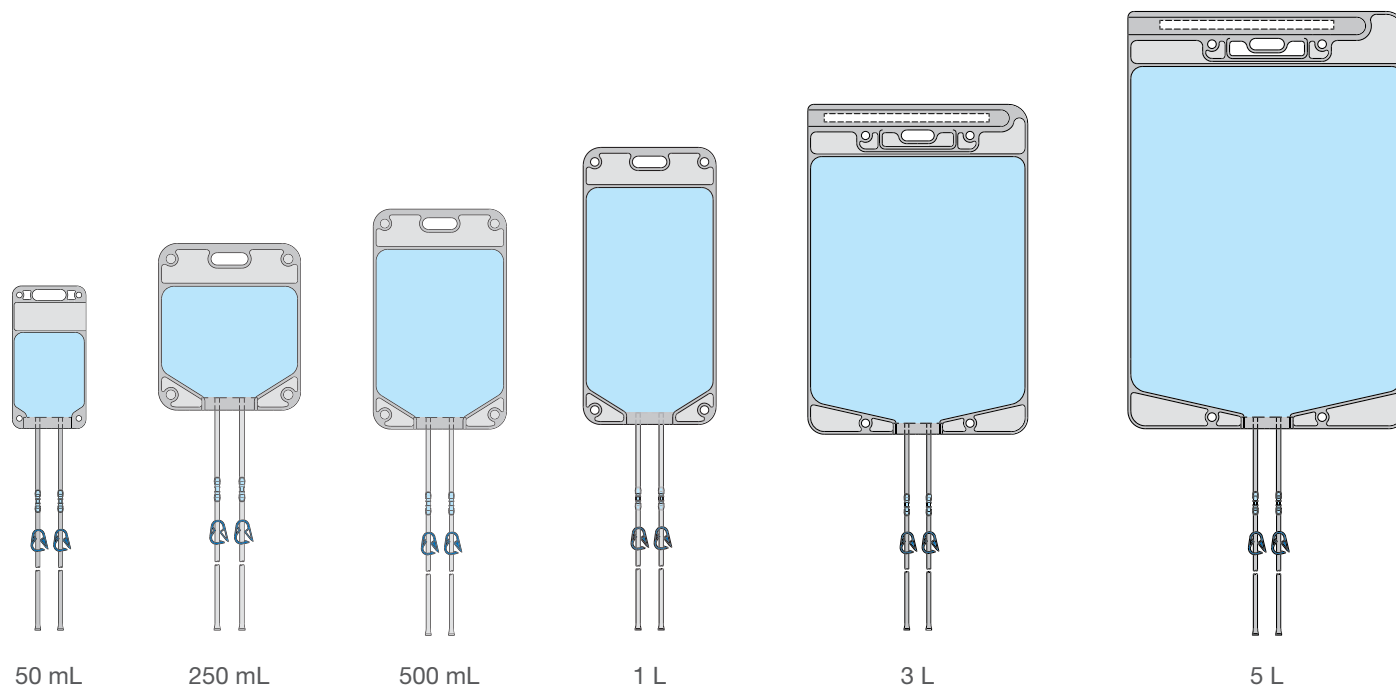


XytoFlex™ Cell Expansion Biocontainer Assemblies

Meissner's XytoFlex™ cell expansion biocontainers are designed to enhance your cell culture's growth and facilitate your closed processes. The biocontainer features exceptional gas permeability to provide the cell culture with an optimal environment for cell expansion within a CO₂ controlled incubator.

Scalability

Meissner's XytoFlex™ cell expansion biocontainers sizes range from 50 mL to 5 L. Sizing information and standard configurations can be found in the XytoFlex™ Standards Guide, at www.meissner.com/xytoflex.



Biocompatibility

XytoFlex™ cell expansion biocontainers are animal component free (ACF), gamma stable, and have been tested extensively in accordance with the numerous USP and ISO standards to ensure biocompatibility. A synopsis of the testing these biocontainers were subjected to is provided below.

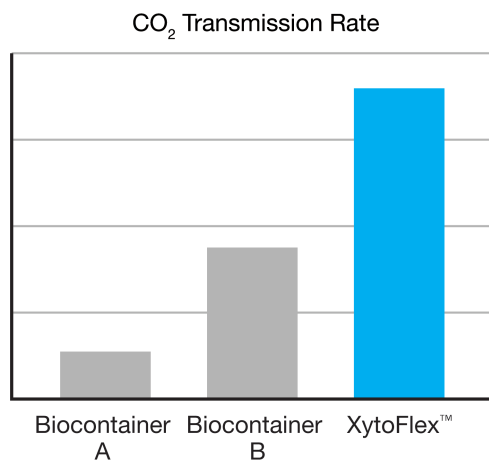
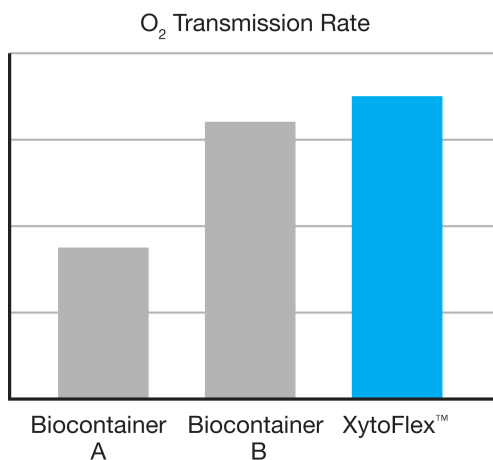
Property ¹	Test Method	Value
Bacterial Endotoxins	USP <85>	Pass
Cytotoxicity	USP <87> ISO 10993-5	Pass
USP	USP <88>	Pass
Physicochemical Tests - Plastics	USP <661>	Pass
Microscopic Particle Count	USP <788>	Pass

¹Test articles, gamma irradiated 25.0 - 37.7 kGy

Product Comparisons

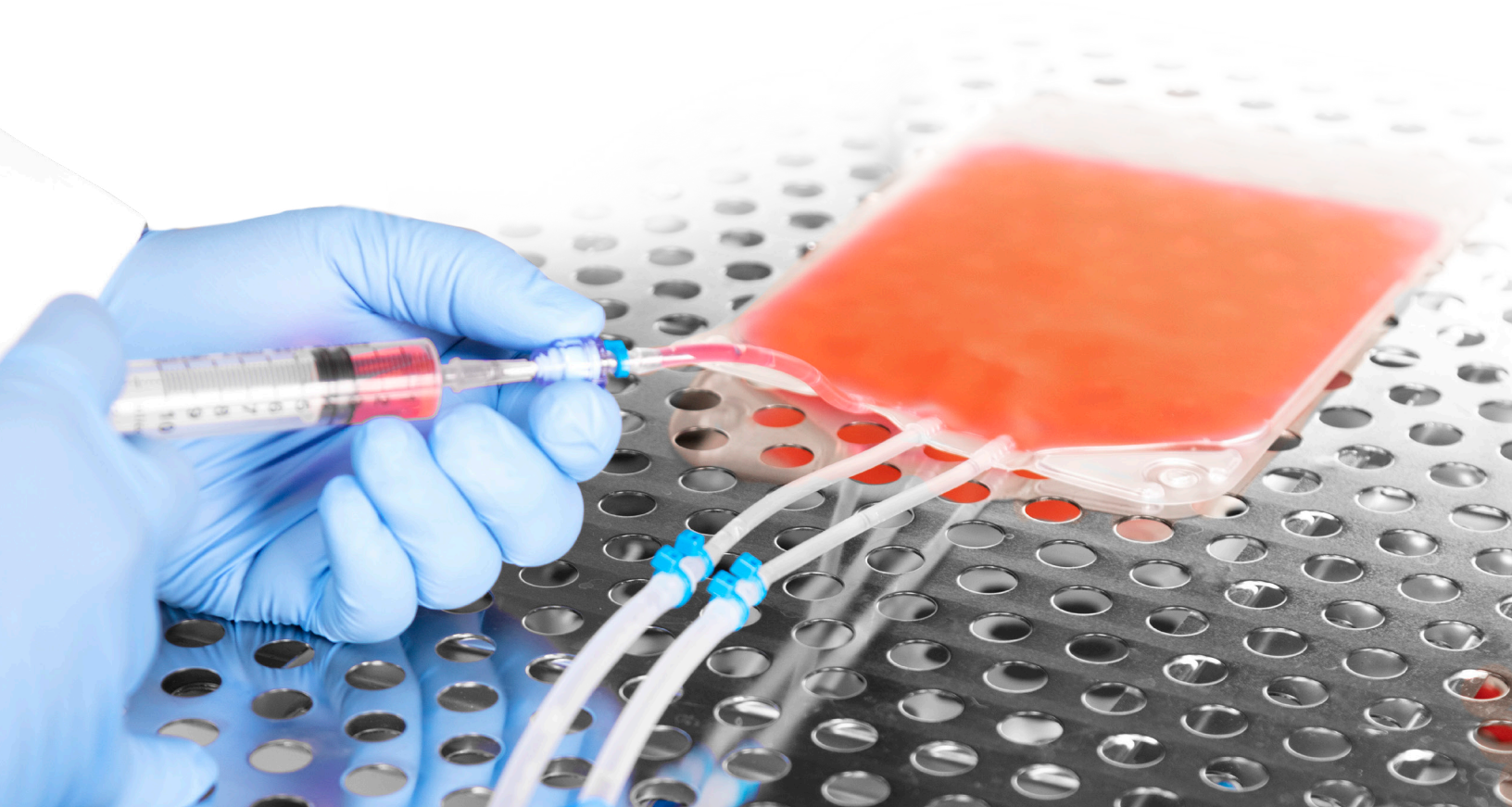
Gas Permeable

Meissner's XytoFlex™ EVA film features a superior Oxygen Transmission Rate (OTR) and Carbon Dioxide Transmission Rate (CO₂TR). OTR and CO₂TR are critical factors that assist in managing the cell culture's growth at the ideal rate. The biocontainer transmission rates for O₂ and CO₂ are illustrated below.



Process Flexible

To support the diverse array of cell culture processes, XytoFlex™ cell expansion biocontainers can be customized to fit your exact process requirements with different tubing and porting. Standard configurations include Meissner's RF sealing/welding pharmaceutical grade BioFlex® PVC tubing with sealed ends, or Meissner's M-Flex™ TPE tubing with luer ports and a needleless sampling port.



Ordering Information

XytoFlex™ Part Number	Nominal Volume	Ports	Description
DUF2191E-N00B61-00	50 mL	2	50 mL 2-ported assembly with BioFlex®
DUF2194E-N00B61-00	250 mL	2	250 mL 2-ported assembly with BioFlex®
DUF2195E-N00B61-00	500 mL	2	500 mL 2-ported assembly with BioFlex®
DUF2101E-N00B61-00	1 L	2	1 L 2-ported assembly with BioFlex®
DUF2103E-N00B61-00	3 L	2	3 L 2-ported assembly with BioFlex®
DUF2104E-N00B61-00	5 L	2	5 L 2-ported assembly with BioFlex®
DUF3191E-N00B02-00	50 mL	3*	50 mL 3-ported assembly with M-Flex®
DUF3194E-N00B02-00	250 mL	3*	250 mL 3-ported assembly with M-Flex®
DUF3195E-N00B02-00	500 mL	3*	500 mL 3-ported assembly with M-Flex®
DUF3101E-N00B02-00	1 L	3*	1 L 3-ported assembly with M-Flex®
DUF3103E-N00B02-00	3 L	3*	3 L 3-ported assembly with M-Flex®
DUF3104E-N00B02-00	5 L	3*	5 L 3-ported assembly with M-Flex®

*3-port options include a re-usable swabbable valve for sampling.