

# Mobius® Essential Assemblies

Simple ready-to-ship assemblies for your non-critical applications

Mobius® Essential Assemblies are standard, ready-to-ship simple bag and tubing single-use assemblies that can easily integrate into your current processes and are ideal for your non-critical applications. They are available in 2D bags (1 L to 50 L), 3D bags (100 L to 200 L), and tubing assemblies, allowing you to scale up to our Mobius® MyWay assemblies. Mobius® Essential assemblies are made with our industry proven PureFlex™ Film and come with our Emprove® Program which supports your risk assessment with comprehensive quality and regulatory information.

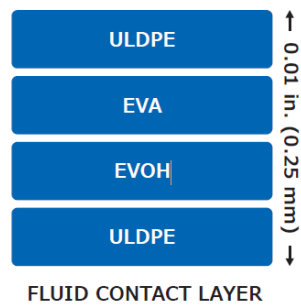
## PureFlex™ Film

PureFlex™ film is a high-purity, coextruded film that can be used at every step in your drug manufacturing process, including media and buffer preparation, cell culture, purification, product intermediate storage and mixing, sterile sampling, and drug product filling. This versatility enables use of a single film for the full process, limiting validation and implementation effort.

For more information on our PureFlex™ film, please refer to the PureFlex™ Single-Use Process Container Films specification sheet SP1005EN00.



PureFlex™ Film



## The Emprove® Program—Your Fast Track through Regulatory Challenges.

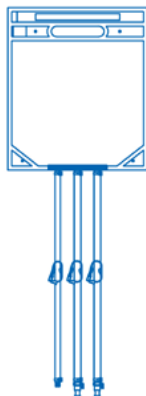
Complementing our product portfolio, the Emprove® Program provides three types of dossiers to support different stages of development and manufacturing operations such as qualifications, risk assessment, and process optimization.

For more information, please visit:  
[SigmaAldrich.com/Emprove](https://SigmaAldrich.com/Emprove)

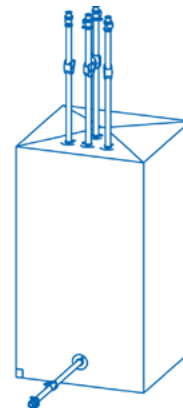
## Mobius® Essential 2D and 3D Bag Assemblies



1 L bag  
with PureFlex™ film



5 L-50 L bag  
with PureFlex™ film



100 L-200 L bag  
with PureFlex™ film

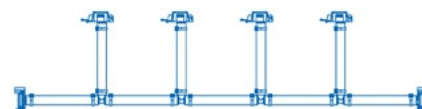
## Mobius® Essential Tubing Assemblies



Tubing with MPC  
Connector



Tubing with End Ported  
Connector, Manifold



Tubing with AseptiQuik®  
G Connector, Manifold

### Specifications

#### Mobius® Essential 2D and 3D Bag Assemblies

Mobius® Bag Size	1L	5L-50L	100 L-200L	Tubing Assemblies
<b>Sterility</b>	Each Assembly was exposed to a gamma irradiation level of 25-40kGY			
<b>Quality</b>	ISO 13485 Quality System Standard			
<b>Biological Reactivity</b>	USP <88> Class VI, pre-gamma irradiation			
<b>Appearance and Cleanliness</b>	Each Assembly is visually inspected			
Materials of Construction	1L	5L-50L	100 L-200L	Tubing Assemblies
<b>Film</b>	PureFlex™ film with hanger	PureFlex™ film with hanger and support rod	PureFlex™3D	
<b>Tubing</b>	C-Flex® 374 (1/8 in. ID X 1/4 in. OD)	C-Flex® 374 (3/8 in. ID X 5/8 in. OD) C-Flex® 374 (1/4 in. ID X 1/2 in. OD)	C-Flex® 374 (1/2 in. ID X 3/4 in. OD)	C-Flex® 374 (1/4 in. ID X 3/8 in. OD) C-Flex® 374 (3/8 in. ID X 5/8 in. OD) C-Flex® 374 (1/2 in. ID X 3/4 in. OD)
<b>Ports</b>	End ported with 2 ports	Boat ported with 3 ports	4 Top ports and 1 bottom port	
<b>Connector</b>	Luer Connector	MPC Connector Luer Connector	MPC Connector Luer Connector	MPC Connector End-ports AseptiQuik® G Connector

## Ordering Information

### Mobius® Essential Assemblies

Size	Part Number	Product Type	Product Description	Pack Size
1 L	ESA0001L2CLP10	Bag Assembly	Mobius® Essential Assembly, 1 L bag with PureFlex™ film	10
5 L	ESA0005L2CLP5		Mobius® Essential Assembly, 5 L bag with PureFlex™ film	5
10 L	ESA0010L2CLP5		Mobius® Essential Assembly, 10 L bag with PureFlex™ film	5
20 L	ESA0020L2CLP5		Mobius® Essential Assembly, 20 L bag with PureFlex™ film	5
50 L	ESA0050L2CLP5		Mobius® Essential Assembly, 50 L bag with PureFlex™ film	5
100 L	ESA0100L41DP5		Mobius® Essential Assembly, 100 L bag with PureFlex™ film	5
200 L	ESA0200L41DP5		Mobius® Essential Assembly, 200 L bag with PureFlex™ film	5
	EST0000L06EP5	Tubing Assembly	Mobius® Essential Assembly, Tubing with End Ported Connector, Manifold	5
	EST0000L06GP5		Mobius® Essential Assembly, Tubing with AseptiQuik® G Connector, Manifold	5
	EST0000L02CP5		Mobius® Essential Assembly, Tubing with MPC Connector	5

### To place an order or receive technical assistance

In the U.S. and Canada, call toll-free 1-800-645-5476

To place an order or learn more, please visit: [SigmaAldrich.com/singleuseassemblies](https://SigmaAldrich.com/singleuseassemblies)

To receive technical assistance, please visit: [SigmaAldrich.com/offices](https://SigmaAldrich.com/offices)

[SigmaAldrich.com](https://SigmaAldrich.com)

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