

# Mobius® Essential Assemblies

Ready-to-ship standard bag and tubing assemblies

Mobius® Essential Assemblies are standard, ready-to-ship bag and tubing single-use assemblies that can easily integrate into your current processes. They are available as 2D bags (1 L to 50 L), 3D bags (100 L to 200 L), and tubing assemblies. Mobius® Essential assemblies are made with our industry proven PureFlex™ Film. This allows you to easily scale up to our Mobius® MyWay assemblies.

## 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 one single film for the full process, limiting validation and implementation effort.

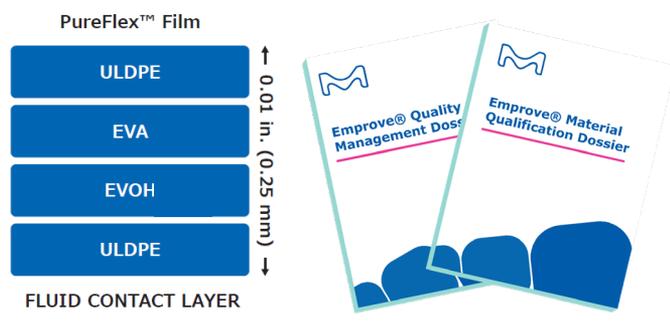
For more information on our PureFlex™ film, please refer to the PureFlex™ Single-Use Process Container Films specification sheet **SP1005EN00**.

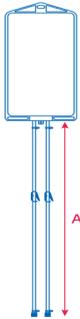
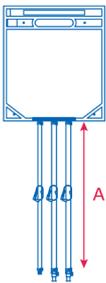
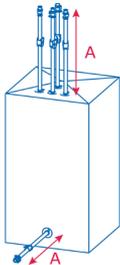
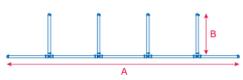
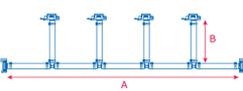


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Product Description	Product Design	Material of Construction	Number of Ports	Connection Type	Tubing Configuration		
					ID	OD	Length
1 L 2D bag assembly		PureFlex™ Film, C-Flex® 374 Tubing	2	2 Luers, Female	1/8 in. (3.18 mm)	1/4 in. (6.35 mm)	A: 20 in. (508 mm)
5–50 L 2D bag assembly		PureFlex™ Film, C-Flex® 374 Tubing	3	1 Luer, Female	1/4 in. (6.35 mm)	1/4 in. (12.7 mm)	A: 20 in. (508 mm)
				2 MPC, Male	3/8 in. (9.53 mm)	3/8 in. (15.88 mm)	A: 20 in. (508 mm)
100–200 L 3D bag assembly		PureFlex™ Film, C-Flex® 374 Tubing	5	5 MPX Coupling	1/2 in. (12.7 mm)	3/4 in. (19.05 mm)	A: 36 in. (914.4 mm)
MPC connector tubing assembly		C-Flex® 374 Tubing	2	1 MPC, Male 1 MPC, Female	1/4 in. (6.35 mm)	3/8 in. (9.53 mm)	A: 59 in. (149.86 cm)
End ported connector tubing assembly, manifold		C-Flex® 374 Tubing	6	6 End-ports	3/8 in. (9.53 mm)	5/8 in. (15.88 mm)	A: 157 in. (398.78 cm) B: 39.4 in. (100.076 cm)
AseptiQuik® G Connector tubing assembly, manifold		C-Flex® 374 Tubing	6	6 AseptiQuik® G Connectors	1/2 in. (12.7 mm)	3/4 in. (19.05 mm)	A: 34 in. (86.36 cm) B: 5.9 in. (14.986 cm)

## Specifications

<b>Irradiation</b>	Each assembly was exposed to a gamma irradiation level of 25–40 kGy
<b>Quality</b>	ISO 9001 Quality System Standard, categorized MQ300 within the M-Clarity™ Program
<b>Biological Reactivity</b>	USP <88> Class VI, post-gamma irradiation
<b>Appearance and Cleanliness</b>	Each assembly is visually inspected

## Ordering Information

### Mobius® Essential Assemblies

Part Number	Product Description	Pack Size
ESA0001L2CLP10	Mobius® Essential Assembly, 1 L bag with PureFlex™ film	10
ESA0005L2CLP5	Mobius® Essential Assembly, 5 L bag with PureFlex™ film	5
ESA0010L2CLP5	Mobius® Essential Assembly, 10 L bag with PureFlex™ film	5
ESA0020L2CLP5	Mobius® Essential Assembly, 20 L bag with PureFlex™ film	5
ESA0050L2CLP5	Mobius® Essential Assembly, 50 L bag with PureFlex™ film	5
ESA0100L41DP5	Mobius® Essential Assembly, 100 L bag with PureFlex™ film	5
ESA0200L41DP5	Mobius® Essential Assembly, 200 L bag with PureFlex™ film	5
EST0000L06EP5	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)

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