Prevent Costly

Bag Leaks

in Single-Use Manufacturing





Bag leaks remain a top customer pain point in the biopharmaceutical industry



strategies





Have leak Buy ext

Buy extra bags Perform a pre-use inspection

COSTS CAN

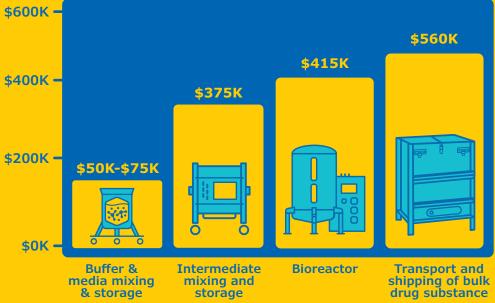
A real story
A biomanufacturer who experienced a 1% leak rate for buffer and media bags recorded at least 43 total leaks per year, accounting for a total cost of approximately.

\$2.4M

The Ultimus® Film Difference

Designed with a proprietary woven nylon structure,
Ultimus® film demonstrates superior strength and resilience to protect against leaks, abrasions, tears and material fatigue.

Average Leak Cost



Based on independent survey conducted in 2019 worldwide.

Transform Your Fluid Management with Ultimus® Film

10X

greater abrasion resistance* 2.5X

greater tensile strength*

Superior flex

durability*

greater puncture resistance*

2.8X

greater pressure resistance**

Minimize Safety Stock

Ultimus® Film is Engineered to Protect Against Leaks

Prevent Material Loss

Compared to the average results of five commercially available single-use bioprocessing films tested. Refer to TB5661EN for

Inspection

Failures

more information. ** Test performed on 10 L bag in comparison with PureFlex™ Film

Facility

Downtime

MilliporeSigma is the U.S. and Canada Life Science business of Merck KGaA, Darmstadt, Germany.



Our Mobius® bag assembly made with Ultimus® Film successfully passed ISTA Test Procedure 3E making it an ideal candidate to solve your toughest challenges in single-use liquid processing.

Ultimus® Film is now available in Mobius® 3D assemblies. For more information, please visit

SigmaAldrich.com/UltimusFilm

Millipore

Preparation, Separation, Filtration & Monitoring Products

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