

BioOptimal™ UMP

with Aseptic Connectors

Process Intensification Using BioOptimal Microfilters
In Perfusion Cell Culture.

BioOptimal™ UMP microfilters with aseptic connectors bring ready-to-use aseptic connections together with the high product sieving performance of the BioOptimal UMP membrane to simplify installation and integration into perfusion cell culture systems.

The 8.8 m² BioOptimal™ UMP is designed for commercial-scale manufacturing. Its integrated aseptic connectors help minimize contamination risk from the external environment, enabling safer, more robust, and reliable clarification processes.



Effective
Surface Area
8.8 m²

Actual product will have a GHS label.

KEY FEATURES & BENEFITS



Aseptic Connector
Configuration

Configured with AseptiQuik® L connectors on the feed and retentate sides and AseptiQuik® G connectors on the permeate side



High Product Sieving
Performance

High product sieving performance of the BioOptimal UMP membrane, supports efficient product recovery in perfusion cell culture



Gamma Irradiated and
Individually Packaged

Hollow fiber membranes are wetted with 17% (w/w) ethanol and then gamma-irradiated to simplify connections to the bioreactor and to streamline handling



8.8 m² Format for
Commercial production

Larger 8.8 m² format designed to reduce the number of microfilters and the complexity of set ups

TECHNICAL SNAPSHOT

Product	BioOptimal UMP Microfilters with Aseptic Connectors
Effective surface area	8.8 m ²
Catalog number	UMP5247RA
Supplied as	Hollow fiber membranes wetted with 17% (w/w) ethanol
Sterilization method	Gamma irradiation
Connector configuration	Feed side / Retentate side : AseptiQuik® L Permeate side (both) : AseptiQuik® G



Actual product will have a GHS label.

