



Membrane Technologies

ClariCap- LOL

mdi polypropylene large capsule filters type ClariCap-LOL have been designed for particle removal applications in liquids and air/gases. These are suitable for use in pharmaceutical and biopharmaceutical prefiltration applications.

The pleated polypropylene filtration media and all polypropylene polymer housing has high heat resistance and exhibits very wide chemical compatibility. The bioburden and particulate contamination reduction capability of these large capsule filters enhance the performance (life and efficiency) of terminal sterilization filters.

mdi ClariCap- LOL capsule filters offer ease of use because of negligible assembling time as compared to the standard stainless steel filtration housing assemblies. These also do away with the requirement of cleaning and validation of conventional filtration housing assemblies.

Application

- Prefiltration of high value drug solutions
- Prefiltration of drug vehicles
- Prefiltration of air to small fermentors
- Filtration of precipitating agents
- Filtration of cellular matter

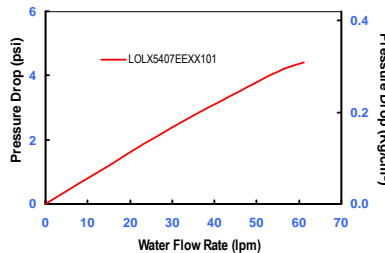
Complies with
USFDA 21 CFR 210.3 (b) (c)

Meets and Exceeds
USFDA 21 CFR 177.1520

Special Features

- Very high retention efficiency (99.999%)
- Heat stable construction
- Low extractables
- Non media migration
- Biologically inert
- Superior pleat construction
- Easy installation

Water Flow Rate



Specification

Material of Construction

Housing – Polypropylene
Filter – polypropylene media

Maximum Operation Pressure
≤ 4 Kg/cm² @ 30° C

Maximum Operating Temperature
80° C @ < 2 Kg/cm²

Retention Efficiency
99.999%

Biosafety

Passes biological tests for Class VI of plastics as described in USP

Sterilization

Capsules are autoclavable at 121° C for 30 minutes

Oxidizable Matter

Passes test as per USP

Extractables with Water

Within limits as specified in USP



Type	Code	Size		Pore Size		I/O Connection		XX	Sterility		Pack Size		Ordering Information
		Length	Code		Code		Code			Code	Qty	Code	
LOL	LOLX	10"	54	5 µm	07	1/5" Sanitary Flange	E		Non Sterile	1	1	01	
									Sterile	2			
EXAMPLE													
LOLX 54 07 EE XX 1 01													