



**mdi** polypropylene large capsule filters type *ClariCap-PP* 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. These offer high retention efficiency thereby enhancing the performance (life and efficiency) of terminal sterilization filters.

**mdi** *ClariCap-PP* 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.

### Material of Construction

Housing	Polypropylene
Filter	Polypropylene Media

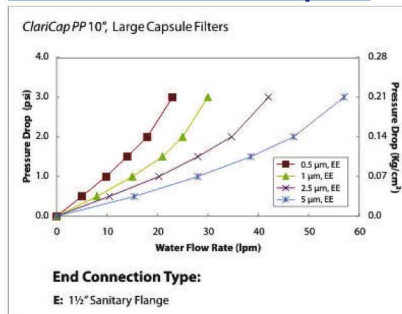
### Application

- Prefiltration of high value drug solutions
- Prefiltration of drug vehicles
- Prefiltration of air to small fermentors

### Special Features

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

### Water Flow Rate (*ClariCap-PP*)



### Specifications

#### Maximum Differential Pressure

4 Kg/cm<sup>2</sup> @ 30° C

#### Maximum Operating Temperature

80° C @ ≤2 Kg/cm<sup>2</sup>

#### Retention Efficiency

99.999%

#### Biosafety

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

#### Sterilization

Capsules are autoclavable at 125° C for 30 minutes, 30 cycles. Can not be inline steam sterilized.

#### Oxidizable Matter

Passes test as per USP

#### Extractables with Water

Within limits as specified in USP

### Ordering Information

Type		Size		Pore Size		Inlet (I)/ Outlet (O)			X	Inline/ T-Line		Sterility		Pack Size	
Type	Code	Size	Code	µm	Code	Code				Code		Code	Qty	Code	
						I	O								
<i>ClariCap PP</i>	LOLX	5"	53	0.5	04	1½" Sanitary Flange		E	E	Inline	X	Non-Sterile	1	1	01
		10"	54	1.0	05	Single Step ½" Hose Barb		Q	Q	T-Line*	T				
		20"	55	2.5	06										
		30"	56	5	07										
				10	08										
				20	11										

\*T-line is not available in 5" Capsule Filter  
\*\*T-line Capsule Filters are available with 1½" Sanitary Flange I/O Connection only

EXAMPLE :

LOLX	54	05	QQ	X	X	1	01
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