

# Labopure capsule filters

## LP-series

Labopure capsules are the ideal solution for small volume batch filtration (pre or final filtration) and applications with low flow rates.

- economical, quick and easy installation
- no housing required
- many types of connections (see overleaf)
- vent and drain are molded into the capsule
- all thermally welded construction
- no o-rings or metallic parts
- low dead space = low product loss
- available with different kinds of filtermedia ranging from 0.1 to 100 micron
- available as sterile packed

Typical applications :

- sterile venting of tanks
- small volume point-of-use filtration
  - electronics
  - inkjet
  - optical media (CD, DVD)
- sterile water

	LPS/LPM	LPE
Pleated Filtermedia MPX, CTE, MPS, ...	Yes	Yes
Depth Filtermedia SLS, SLP, RNP, ...	No	Yes

Filter type	Effective Filtration Area in m <sup>2</sup>			
	LPS	LPM	62.5L-LPE	125L-LPE
MPX	0.04~0.09	0.09~0.19	0.09~0.19	0.17~0.38
MPS	0.06~0.08	0.13~0.16	0.13~0.15	0.25~0.30
CTE	0.09	0.18	0.19	0.38

Note: each grade has a specific EFA, above values are min & max per filter type

### Operating conditions:

Max. Inlet pressure:

20°C	5 bar
50°C	2 bar
80°C	1 bar

Sterilization:

Autoclave 60 minutes at 121°C

Note: Do not steam in place (*in situ*) by passing steam through under pressure!

### Materials:

Capsule shell incl. connections:

Polypropylene

Inside filterelement:

Please consult the data sheet of the selected filter element.



# LPS / LPM

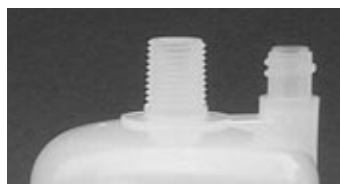


L



L

Ø 72mm

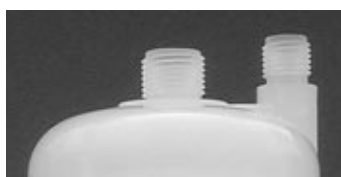


Adapter Code	N1
IN/OUT	1/4" NPT
Vent / Drain	1/8" NPT
L of LPS	110
L of LPM	154

N1	110
1/4" NPT	154
1/8" NPT	
110	
154	

N2	110
1/4" NPT	154
ROKI original	
110	
154	

S2	105
1/4" Swage	149
1/4" Swage	
105	
149	



Adapter Code	S3
IN/OUT	3/8" tube
Vent / Drain	1/4" tube
L of LPS	99
L of LPM	143

S3	99
3/8" tube	143
1/4" tube	
99	
143	

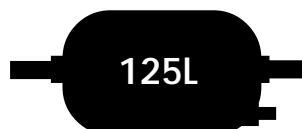
S6	105
6mm tube	149
4mm tube	
105	
149	

H	110
3/8" Hose	154
1/8" NPT	
110	
154	

# 62.5L-LPE / 125L-LPE

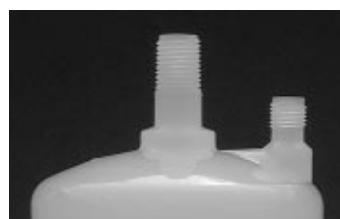


L



L

Ø 88mm



Adapter Code	H
IN/OUT	3/8" Hose
Drain	1/4" Swage
L of 62.5L	154
L of 125L	216

H	154
3/8" Hose	216
1/4" Swage	
154	
216	

N2	148
1/4" NPT	210
1/4" Swage	
148	
210	

N3	148
3/8" NPT	210
1/4" Swage	
148	
210	

With the reservation that product development might cause changes of specifications. Data sheet made November 2002.

## Manufacturer

## European Importer

## Your distributor

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