

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

Typical applications :

- small volume point-of-use filtration
 - inkjet
 - optical media (CD, DVD)
- laboratory testing

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

Filter type	Effective Filtration Area in m ²			
	LPS	LPM	LPH	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

Materials:

Capsule shell incl. connections:
Polypropylene

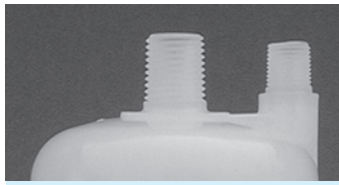
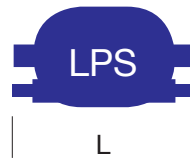
Inside filterelement:
Please consult the data sheet of the
selected filter element.

ROKI

LABOPURE



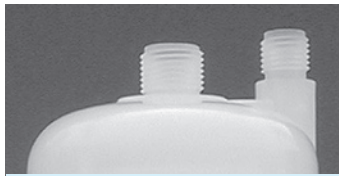
LPS / LPM



Adapter Code	N1
IN/OUT	1/4-18 NPT
Vent / Drain	1/8-27 NPT
L of LPS	110
L of LPM	154



Adapter Code	S2
IN/OUT	7/16-20 UNF
Vent / Drain	7/16-20 UNF
L of LPS	105
L of LPM	149

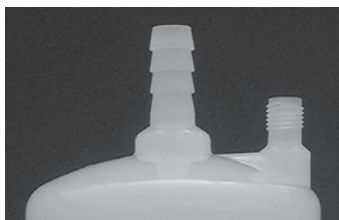
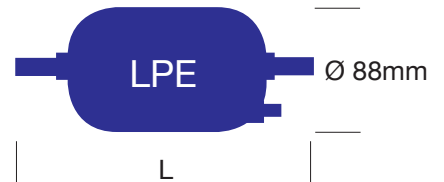
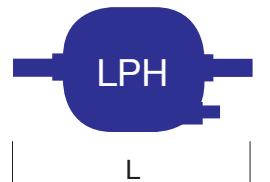


Adapter Code	S3
IN/OUT	9/16-20 UNF
Vent / Drain	7/16-20 UNF
L of LPS	99
L of LPM	143

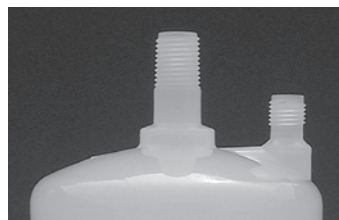


Adapter Code	H
IN/OUT	3/8" Hose (13mmID)
Vent / Drain	1/8-27 NPT
L of LPS	110
L of LPM	154

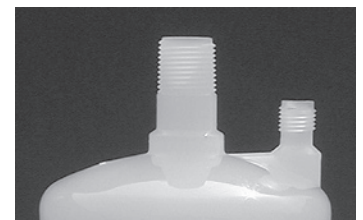
LPH / LPE



Adapter Code	H
IN/OUT	3/8" Hose
Drain	7/16-20 UNF
L of LPH	154
L of LPE	216



Adapter Code	N2
IN/OUT	1/4-18 NPT
Drain	7/16-20 UNF
L of LPH	148
L of LPE	210



Adapter Code	N3
IN/OUT	3/8-18 NPT
Drain	7/16-20 UNF
L of LPH	148
L of LPE	210

With the reservation that product development might cause changes of specifications. Data sheet made August 2006.

Manufacturer

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Your distributor

