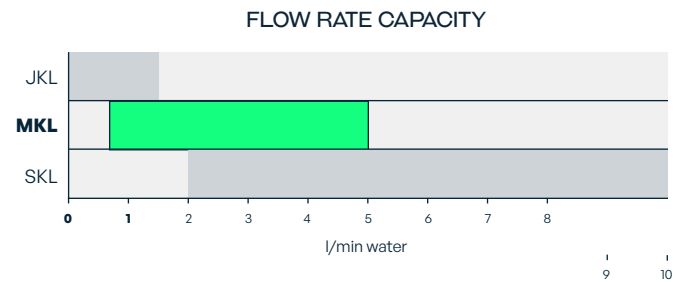


PUREFLO® MKL POLYPROPYLENE CAPSULES

arranged.



Positioned between the JKL and SKL capsule series, the MKL capsule is for small volume batch filtration or applications with low flow rates.

- economical, quick and easy installation
- no housing required
- a choice of **18 connections/fittings!**
- vent and drain are molded into the capsule
- all thermally welded Polypropylene construction
- no o-rings (except on quick fittings) nor metallic parts
- low dead space = low product loss
- available in **3 different Polypropylene filter media configurations, ranging from 0.3 to 70 micron, P** (Standard pleated PP), **HP** (High Performance pleated PP) and **DP** (Depth Pleated PP) less surface area but much depth filter structure
- **PTFE** and **PES** membranes
- MZP (PES membrane) or MKP (PTFE membrane) are the pharmaceutical grades of MKL

SPECIFICATIONS

MATERIALS OF CONSTRUCTION:	Capsule shell, cages, core, end caps: — Polypropylene	
	Filter Media: —	See page 3
	Media Supports: —	Polypropylene
	O-Rings on quick fittings: —	Silicone, EPDM, NBR
FITTING CONNECTIONS:	See page 2	
DIMENSIONS:	Length: 74 mm (excl. fittings)	Diameter: 59 mm
MAX. OPERATING TEMPERATURE:	80 °C	
MAX. OPERATING CONDITIONS FOR LIQUIDS AT 22°C:	Operating Pressure: —	5.5 bar
	Forward Differential Pressure: —	2.1 bar
	Reverse Differential Pressure: —	1.1 bar



MKL FITTING GUIDE

1H
1/8" Hose barb



2H
1/4" Hose barb



3H
3/8" Hose barb



5H
9/16" Hose barb



2N
1/4" NPTM



3NF
3/8" NPTF



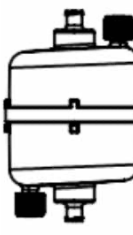
1Q
1/8" Male quick coupling
(PMC/20-S)



1QF
1/8" Female quick coupling
(PMC/20-S)



LF
Luer lock female



2Q
1/4" Male quick coupling
(PLC/40-S)



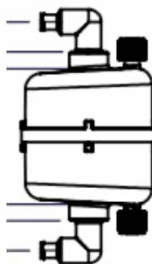
2QF
1/4" Female quick coupling
(PLC/40-S)



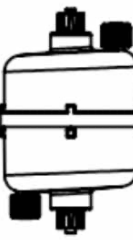
MT
1/2" Tri Clamp



LFE
Luer lock female, elbow



LM
Luer lock male



2C
1/4" Compression (Jaco compatible)



2QP
1/4" Male quick coupling
(APC/50-S)



1QE
1/8" Male quick coupling,
elbow



2QE
1/4" Male quick coupling,
elbow



FILTER MEDIA GUIDE & MICRON RATINGS

POLYPROPYLENE :

High Performance grade :	0.3 0.6 1.0 3.0 5.0 10
Depth Pleated grade :	0.5 1 1.5 2.5 4.5 10
Standard grade :	0.6 1 3 5 7 10 20 30 40 50 70

GLASS FIBER :	0.2 0.45 0.5 1 3 5 10
----------------------	-----------------------------------

PTFE :	0.1 0.2 0.45 1
---------------	----------------------

PES :	0.1 0.2 0.45 0.65 0.8 1.2
--------------	-------------------------------------

Data can change without prior notice. March 2025.