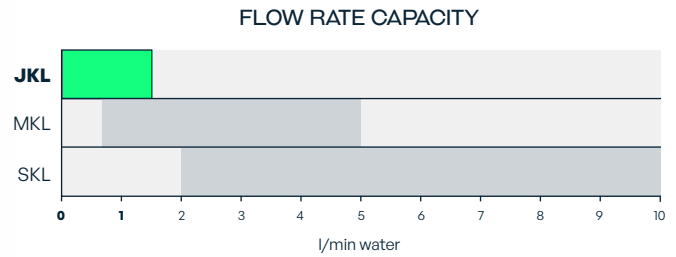


# PUREFLO® JKL POLYPROPYLENE CAPSULES.

arranged.



The smallest capsule filter in our range, with only **40 mm diameter**, perfect to filter smallest batch or applications with low flow rates.

- economical, quick and easy installation
- no housing required
- a choice of **10 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
- tiniest dead space = maximum yield
- 5 different filter media, **Polypropylene** (3 types), **PES**, **PTFE**, available in various micron ratings, from 0,1 to 70 µm
- JZP (PES membrane) or JKP (PTFE membrane) are the pharmaceutical grades of JKL

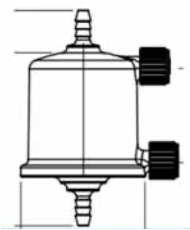
## SPECIFICATIONS

|   |   |                 |
|---|---|-----------------|
| MATERIALS OF CONSTRUCTION:                    | Capsule shell, cages, core, end caps: — Polypropylene |                 |
|   | Filter Media: — See page 2                            |                 |
|   | Media Supports: — Polypropylene or Polyester          |                 |
|   | O-Rings on quick fittings: — Silicone, EPDM, NBR, FKM |                 |
| FITTING CONNECTIONS:                          | See page 2  |                 |
| DIMENSIONS:                                   | Length: 41 mm (excl. fittings)                        | Diameter: 40 mm |
| MAX. OPERATING TEMPERATURE                    | 80 °C   |                 |
| MAX. OPERATING CONDITIONS FOR LIQUIDS AT 22°C | Operating Pressure: —                                 | 4.1 bar         |
|   | Forward Differential Pressure: —                      | 2.1 bar         |
|   | Reverse Differential Pressure: —                      | 1.1 bar         |

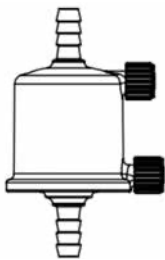


## JKL FITTING GUIDE

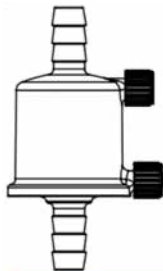
**1H**  
1/8" Hose barb



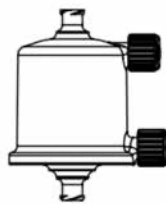
**2H**  
1/4" Hose barb



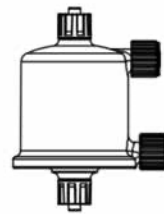
**3H**  
3/8" Hose barb



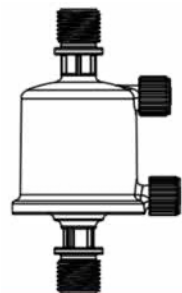
**LF**  
Luer lock female



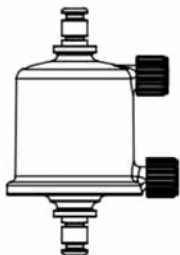
**LM**  
Luer lock male



**2N**  
1/4" NPTM



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



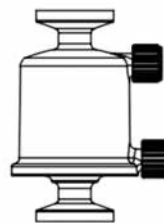
**2Q**  
1/4" Male quick coupling  
(PLC/40-S)



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

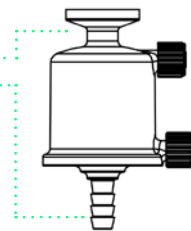


**MT**  
1/2" Tri Clamp



### Did you know ?

You can combine different fitting options, for example, **MT** on the Inlet and **Hose Barb** at the Outlet



## FILTER MEDIA GUIDE & MICRON RATINGS

### POLYPROPYLENE :

High Performance grade : 0.6 | 1 | 3 | 5

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. January 2025.