

# Arkal 3/4" Filtap

Catalog No. 1072 0 \_ \_ \_

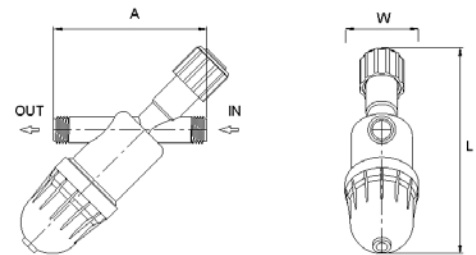
## Features

- ◆ Completely plastic, with two 3/4" male connections.
- ◆ The filter element consists of grooved discs, mounted on a spine, forming a cylindrical filter element. The discs are compressed together by a spring located at the bottom of the filter cover.
- ◆ Screw-on filter cover.
- ◆ Filter discs available in various filtration grades.
- ◆ Resistant to chemicals and liquid fertilizers.



## Technical Data

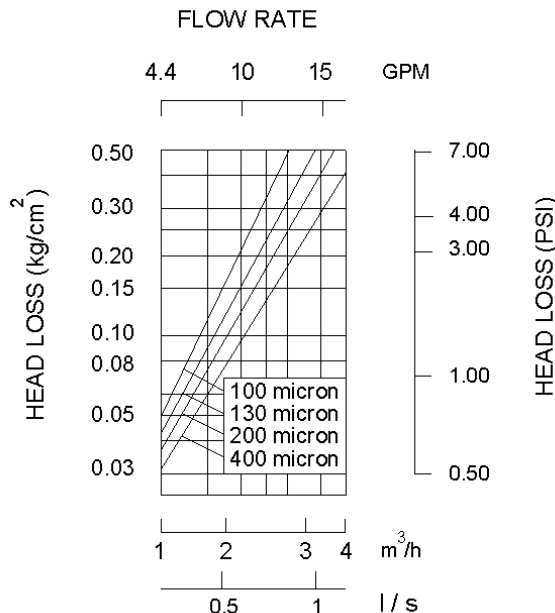
Inlet/Outlet diameter	3/4" BSPT (male)	3/4" NPT (male)
	20 mm – nominal diameter	
	26.7 mm – pipe diameter (O. D.)	
Maximum pressure	10 bar	145 psi
Maximum flow rate	4 m <sup>3</sup> /h (1.1 l/sec)	18 gpm
Total filtration area	160 cm <sup>2</sup>	24 13/16 in <sup>2</sup>
Total filtration volume	95 cm <sup>3</sup>	5 13/16 in <sup>3</sup>
Filter length L	210 mm	8 1/4"
Filter width W	74 mm	2 29/32"
Distance between connections A	155 mm	6 3/32"
Weight	0.420 Kg	0.9 lbs
Maximum temperature	60° C	140° F
pH	3-12	3-12



## Head Loss

- Blue (400 micron / 400 mesh)
- Yellow (200 micron / 80 mesh)
- Red (130 micron / 120 mesh)
- Black (100 micron / 140 mesh)

## Head Loss Chart



### Installation

1. Use Teflon tape for filter threads.
2. Install filter with arrow matching flow direction of pipe.
3. When mounting filter – do not over tighten threads.

### Dismantling

1. Ensure there is no pressure in the pipeline by closing the filter valve an integral feature of “Filtap”.
2. Unscrew cover at bottom of filter.
3. Pull out entire filter element.
4. Move tightening ring to end of spine and flush discs with water jet.

### Assembly

1. Verify that the spring is located at the bottom of the filter cover.
2. Assemble in reverse order.
3. Tighten filter cover securely. Do not over tighten.

### Winterization

Replace all water from filter to avoid freezing.

### Part List

No.	Cat. No.	Description	Materials
1	2511 0140	Valve cover	PC
2	2507 0072	Filtap retaining ring	ACETAL
3	2530 0070	Valve stem	PP
4	5002 1903	Tap o-ring	EPDM
5	2500 0072	Filter body	PB.T
6	5002 5436	Cover o-ring	NITRILE
7	2507 0070	Spine ring	PP
8	2507 0071	Spine tightening ring	PP
9	2502 0070	Filter spine	PP
10	2007 1_ _ _	Disc set	PP
11	5044 0008	Filter tightening spring	S.S
12	2501 0070	Filter cover	PB.T
13	2107 1_ _ _	Filter element	
14	2207 0002	Filter body complex	

### Materials

SS - STAINLESS STEEL

PP - POLYPROPYLENE

PB.T - POLYBUTYLEN TEREPHTHALATE

PC - POLYCARBONAT

