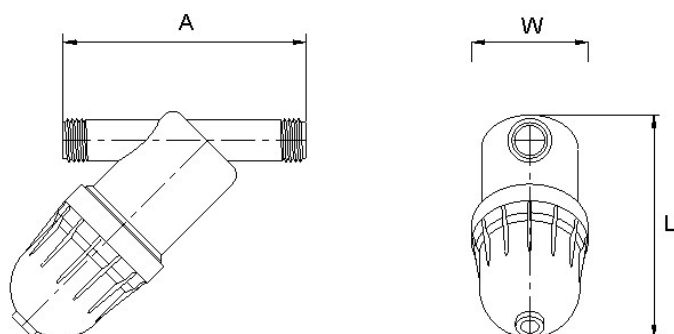


Arkal 3/4" Filter for Chemical Use

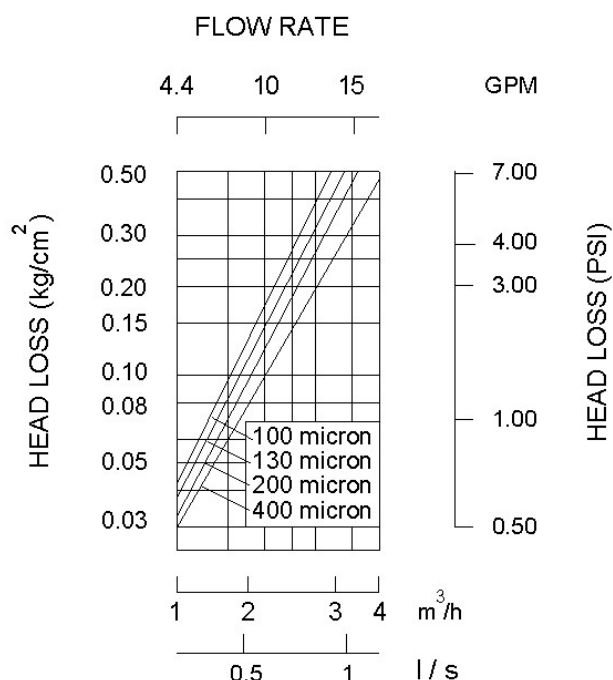
Catalog No. 1070 1_ _ _



Filtration Grades

Blue	(400 micron / 40 mesh)
Yellow	(200 micron / 80 mesh)
Red	(130 micron / 120 mesh)
Black	(100 micron / 140 mesh)

Head Loss Chart



Technical Data

Inlet/Outlet diameter	3/4" BSPT (male)	3/4" BSPT (male)
	20 mm - nominal diameter	3/4"
Maximum pressure	10 bar	145 psi
Maximum flow rate	4 m ³ /h (1.1 l/sec)	18 gpm
Total filtration area	160 cm ²	24 13/16 in ²
Total filtration volume	95 cm ³	5 13/16 in ³
Filter length L	144 mm	5 11/16"
Filter width W	74 mm	2 29/32"
Distance between connections A	150 mm	5 29/32"
Weight	0.37 Kg	0.8 lbs
Maximum temperature	50° C	122° F
pH	2-13	2-13

Installation

1. Use Teflon tape on filter threads.
2. Ensure correct inlet/outlet direction.
3. When connecting filter to pipe - do not over tighten.

Dismantling

1. Make certain that no pressure remains in pipeline.
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 pressurized water.

Assembly

1. Verify that spring is in place inside the filter cover.
2. Assemble in reverse order.
3. Tighten filter cover securely. Do not over tighten.

Winterization

Drain all the water from filter to avoid cracking due to freezing.

Part List

No.	Cat. No.	Description	Materials
1	2500 0070	Filter body	PBT
2	5001 5436	Cover o-ring	VITON
3	2507 0070	Spine ring	P.P.
4	2507 0071	Spine tightening ring	R.P.P.
5	2502 0070	Filter spine	P.P.
6	2007 1_ _ _	Disc set	P.P.
7	5044 0008L	Filer tightening spring	S.S. Electro polish
8	2501 0070	Filter cover	PBT
9	2107 1_ _ _	Filter element	

Materials:

PBT - Polyester

S.S. - Stainless steel

P.P. - Polypropylene

R.P.P. - Reinforced Polypropylene

