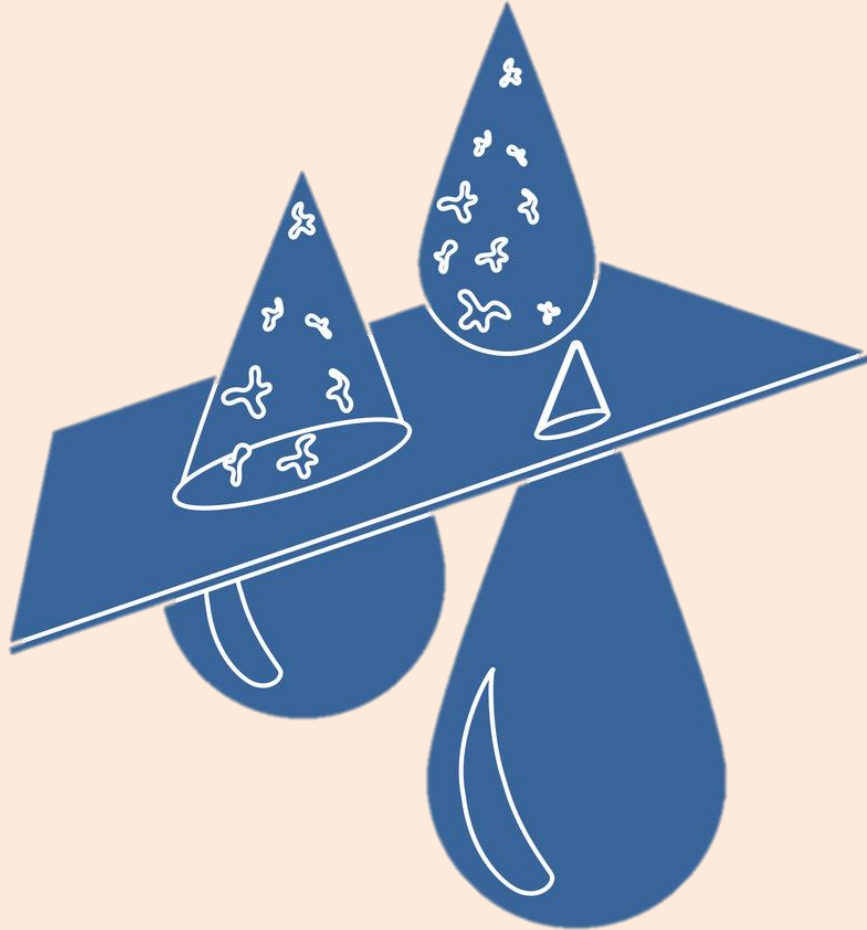




**MADE IN INDIA, FOR THE WORLD.**



**CARING  
filtrate**

**ADG FILTER SCIENCE PRIVATE LIMITED.**

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# ABOUT US

**ADG FILTER SCIENCE** a manufacturer of Cartridge Filters for the Pharma and the API industry, produce high quality cartridge filters. Keeping in view, the customer requirements, ADG designs the filters for application in consideration to produce optimal filtrate and get minimum cost of filtration without sacrificing quality. Our cartridge filters are suitable for the separation of cells, bacteria and particles. Generally used for pre-treatment and it can also be used for clarification and security filtration of general liquids. The application scope of the microporous membrane is mainly to trap particles, bacteria and other pollutants from the liquid to achieve the purpose of purification, separation and concentration.

At ADG we strive to provide technologically smarter and ecologically efficient solutions across applications. We maintain the highest manufacturing and management standards to achieve reliable and effective filtration solutions for our customers backed with apt documentation. We constantly endeavour to adapt and respond effectively to changing client requirements and industry challenges.

We maintain a state of the art manufacturing standards; all products are manufactured in a cleanroom environment using completely validated processes. Principles of statistical control and determination of process capability are applied to critical variables during manufacturing processes. In the process, controls assure stability of the process. With consistent upgradation of technology and facilities and a talented management team, we strive to provide the best solutions.



## ABOUT

The SCIFIL® Polypropylene Cartridge filter has absolute removal rating enabling removal of contaminations with consistent efficiency for critical applications, with option of nominal ratings for less critical applications like prefiltration. It comes with higher filtration area.

Apart from the wide chemical compatibility, the filters are suitable for either high flow rate or high viscous liquid, having a high dirt holding capacity.

The SCIFIL Polypropylene cartridge filter is available in various removal ratings enabling it to handle a wide range of fluids with a considerable dirt holding capacity.



## ADVANTAGES

- Due to wide range of pore size selection, a variety of liquids from acids to alkalis; from seawater to process water; and lube oils to petroleum fluid.
- Standard dimensions ensures fitment in most standard housings with varied length availability. (other dimensions available on request)
- Available in 2.5, 5, 10, 20, 30, 40 inch lengths (Other lengths available on request.)
- All materials of construction are available in 21CFR Compliant materials and have passed as per USP class VI Biological tests for plastics @ 121°C on request.
- Available in both absolute and nominal ratings

## DIFFERENTIAL PRESSURE DATA

For Normal Flow from Outside to Inside for liquids compatible with the filter media, the maximum differential pressure is

Polypropylene Medium: 3.4 bar d @ 25 °C

1.2 bar d @80°C

## APPLICATIONS

Electronics	Pharmaceuticals
Food & Beverages	Oil & Gas
Power Generation	Process & Waste Water
Chemicals	Lube Oil

## ORDERING INFORMATION:

Filter Element Part Number : ADG- 1 - 2 - 3 - 4 - 5 - 6

TABLE 1- MOC		TABLE 2- GRADE		TABLE 3- MICRON	
MATERIAL	CODE	CONFIG.	CODE	MICRON RATING	μ
POLYPROPYLENE	PP	ABSOLUTE USP	AU	0.2	2
		ABSOLUTE FDA	AF	0.45	4
		NOMINAL USP	NU	0.65	6
		NOMINAL	NE	0.8	8
				1	10
				2	20
				3	30
				5	50
				10	100
				20	200
				30	300
				40	400
				50	500

TABLE 4 -LENGTH		TABLE 5 -CONNECTIONS		TABLE 6- GASKETS	
LENGTH	CODE	CAPS	CODE	GASKET/O-RING	CODE
2.5" (Ø56mm)	2.5	222+FLAT	S3	SILICONE	S
5" (Ø56mm/68mm)	05	222+FIN	S8	EPDM	E
10"	1	226 + FLAT	S6	FLUOROELASTOMERS	V
20"	2	226 + FIN	S7	NITRILE	B
30"	3	DOE	S0	PTFE ENCAPSULATED	T
40"	4	INTERNAL			
50"	5	O-RING (Ø56mm)	SR		
60"	6				
70"	7				

10" to 70" Ø70mm

## END CONNECTIONS:

