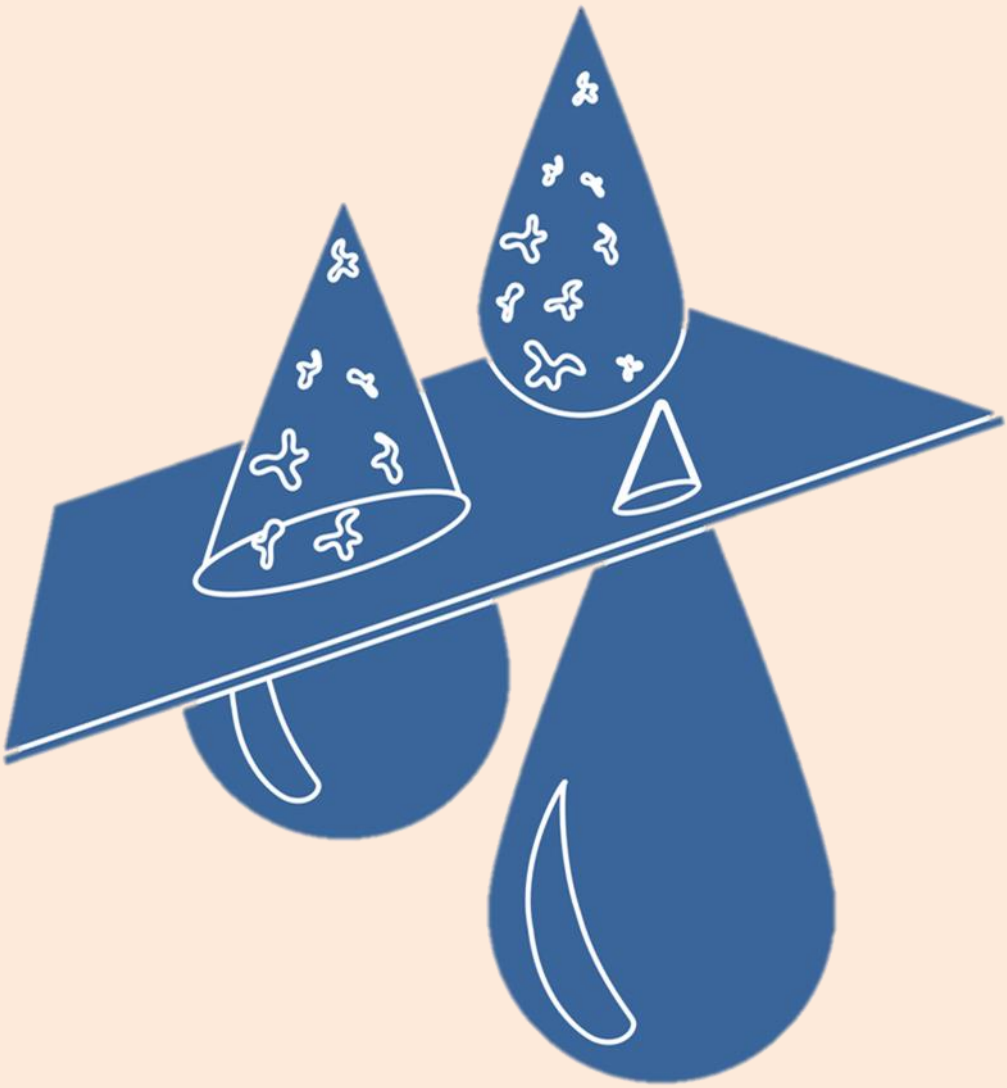
SCIFIL™

ADG FILTER SCIENCE

MADE IN INDIA,FOR THE WORLD.



CARING filtrate

ADG FILTER SCIENCE PRIVATE LIMITED
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ABOUT US

ADG FILTER SCIENCE being a manufacturer of Microfiltration products; we produced high-quality filter cartridges. Considering an application our technical experts designed the filters to provide excellent output on a downstream level. Microfiltration is suitable for the separation of cells, bacteria and particles. Generally used for pre-treatment. The membrane pore size range is from 0.1 to 100 µ(micron), and it can also be used for clarification and Microfiltration belongs to precision filtration, and its basic principle is the process of sieve separation.

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. We constantly endeavor to adapt and respond to effectively to changing client requirements and industry challenges.
We maintain state of the art manufacturing standards; all products are manufactured in cleanroom environment using completely validated processes. Principles of statistical control and determination of process capability are applied to critical variables during manufacturing processes. In 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.

TÜV NORD CERT GmbH ISO 9001

MSME Zed BRONZE ZERO DEFECT ZERO EFFECT

AN ISO 9001:2015 CERTIFIED COMPAY

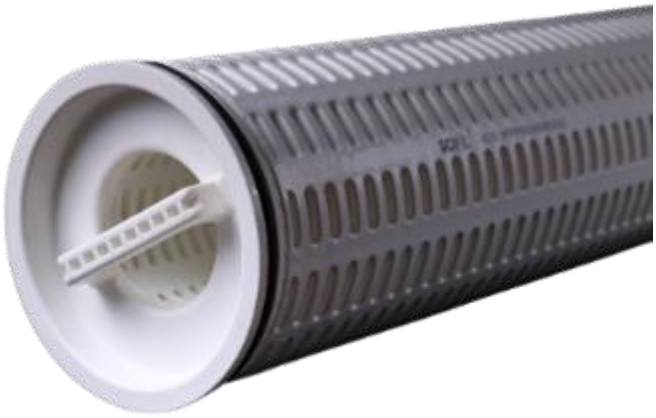
HIGHFLOW PLEATED FILTER CARTRIDGE

HFCPL

Pall HFU Retrofit

SCIFIL® High Flow filter cartridges are used in a wide variety of applications where high flow rates and long Service life are primary requirements. High Flow filter systems are successfully used around the world, is constructed with a high surface area melt-blown polypropylene media for low initial pressure drop, high dirt holding capacity, and high-efficiency performance.

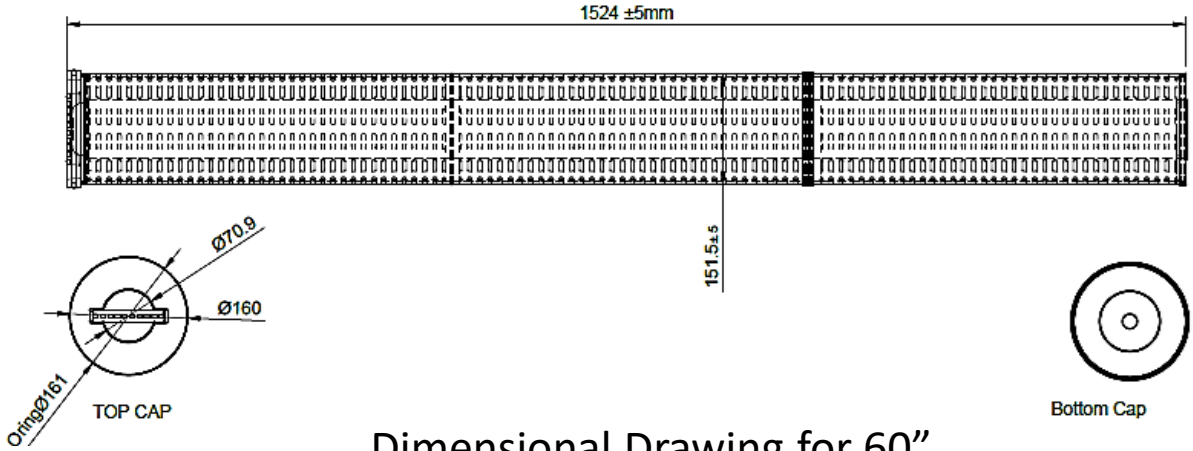
Features And Benefits



- Multiple pleated layer construction, filtration configuration in-out
- High filtration area up to 9m^2
- Wide range chemical compatibility
- Nominally rated with retention ratings between High flow rate.
- Inner core for high mechanical strength,
- Wide chemical compatibility.
- End connections to fit all standard pressure housings vessel (housing)

APPLICATION:

- **Sea water desalination**
- **Food and Beverages**
- **Electronic and Semi-Conductor**
- **Water Treatment**
- **Oil & Chemical**
- **Machinery & Equipment**
- **Power plant water treatment**
- **Steel mill water treatment**



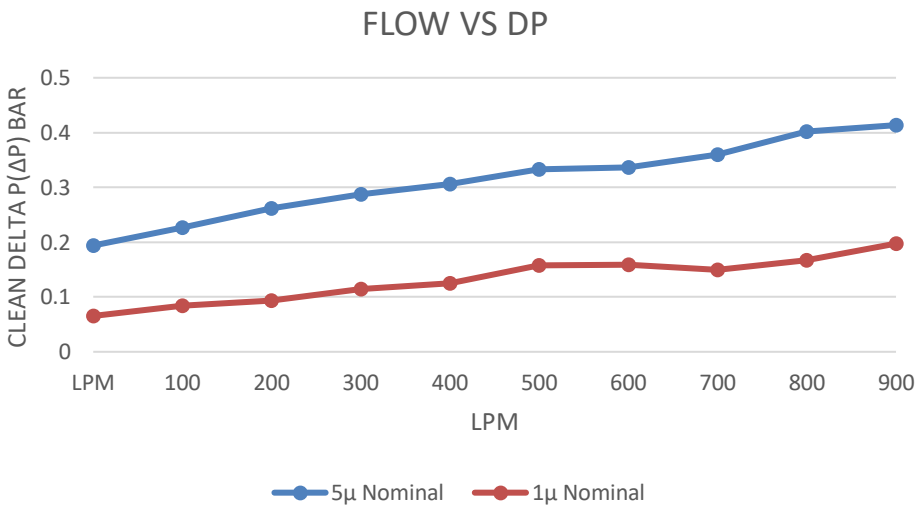
Dimensional Drawing for 60”

MATERIAL OF CONSTRUCTION

Media:	Polypropylene micro fibre
Support Media:	Polypropylene
Inner and Outer Core:	Polypropylene
End caps:	Polypropylene
Gaskets/O-rings:	EPDM, Nitrile, Viton®, Silicone

TECHNICAL SPECIFICATION

Lengths:	60/40/20inch
Outside diameter:	Ø 6” (152mm)
Typical surface Area:	9 m² @60inch, 6 m² @40inch
Dirt Holding capacity (60”)	3 to 5 kg (considering RO pre-filter)
Micron Rating	1, 05, 10, 20,30,40 µm
Max DPΔ	50 psid at 180°F (3.4bar at 82°C)
Recommended Change out DPΔ	2.4bar
Max Flow per Cartridge (60”)	1300 LPM



ORDERING INFORMATION

ADG + HF + MOC + GRADE + MICRON RATING + LENGTH + END CAPS + SEAL+APPEARANCE
ADG - 1+2+3+4+5+6+7
EXAMPLE - ADG-HFC-PP-N-50-4-PL-E-IC

TABLE 1- MOC

MATERIAL	CODE
POLYPROPYLENE	PP

TABLE 2- GRADE

CONFIG.	CODE
ABSOLUTE	A
NOMINAL	N

TABLE 3- MICRON

MICRON RATING	µ
1	10
2	20
3	30
5	50
10	100
20	200
30	300
40	400
50	500

TABLE 4 -LENGTH

LENGTH	CODE
20"	2
40"	4
60"	6

TABLE 5 -CONNECTIONS

CAPS	CODE
In to Out	PL

TABLE 6- SEAL

SEAL	CODE
EPDM	E
NITRILE	B
*VITON®	V
Silicone	S

TABLE 7 -APPEARANCE

APPEARANCE	CODE
INNER CORE & BELT WRAP	BW
INNER CORE & OUTER CAGE	IOC