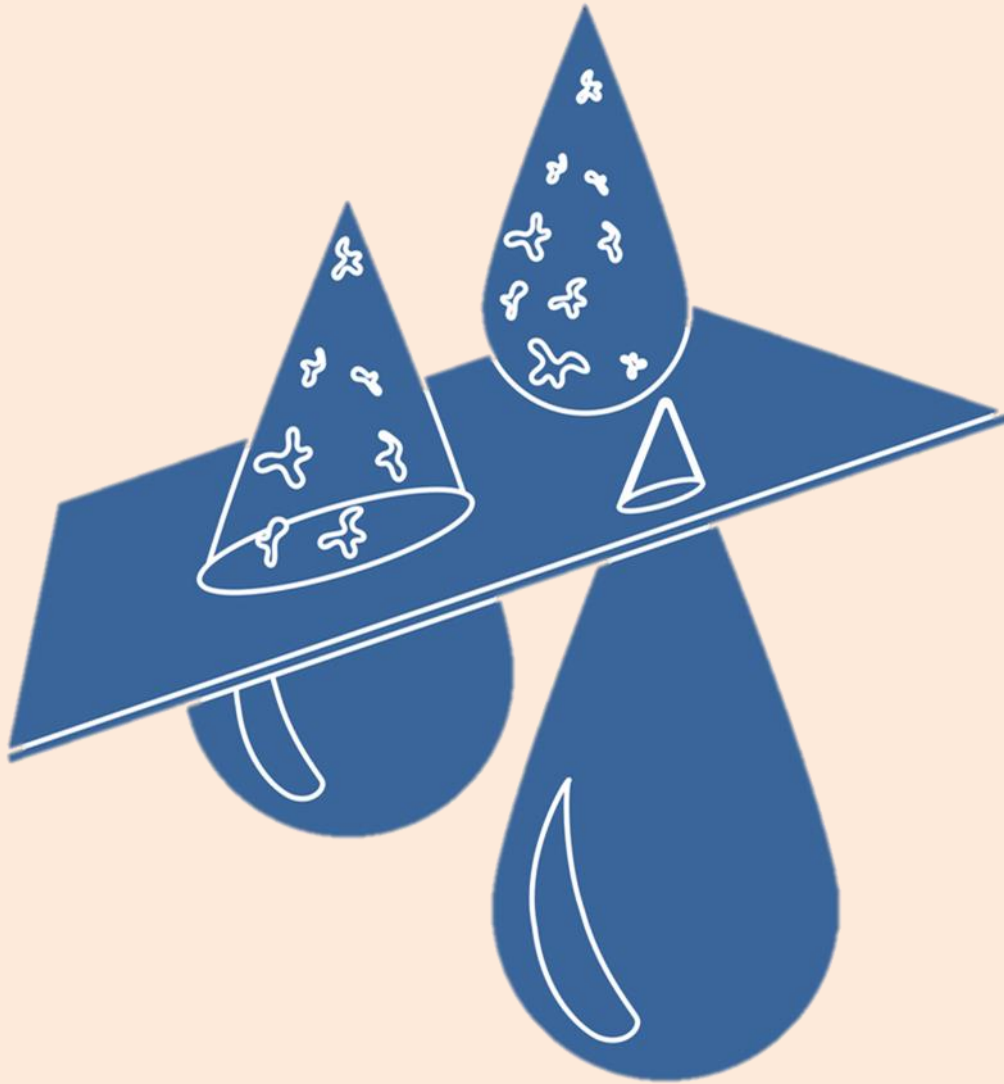




MADE IN INDIA, FOR THE WORLD.



CARING
filtrate

ADG FILTER SCIENCE PRIVATE LIMITED

S.NO.338, PLOT NO.7, BALDA, PARDI GIDC, Valsad, Gujarat, INDIA 396125.

Email: info@adgfilterscience.com www.adgfilterscience.com

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.



AN ISO 9001:2015 CERTIFIED COMPANY

HIGHFLOW PLEATED FILTER CARTRIDGE

HFCAQ

Aqualine 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.

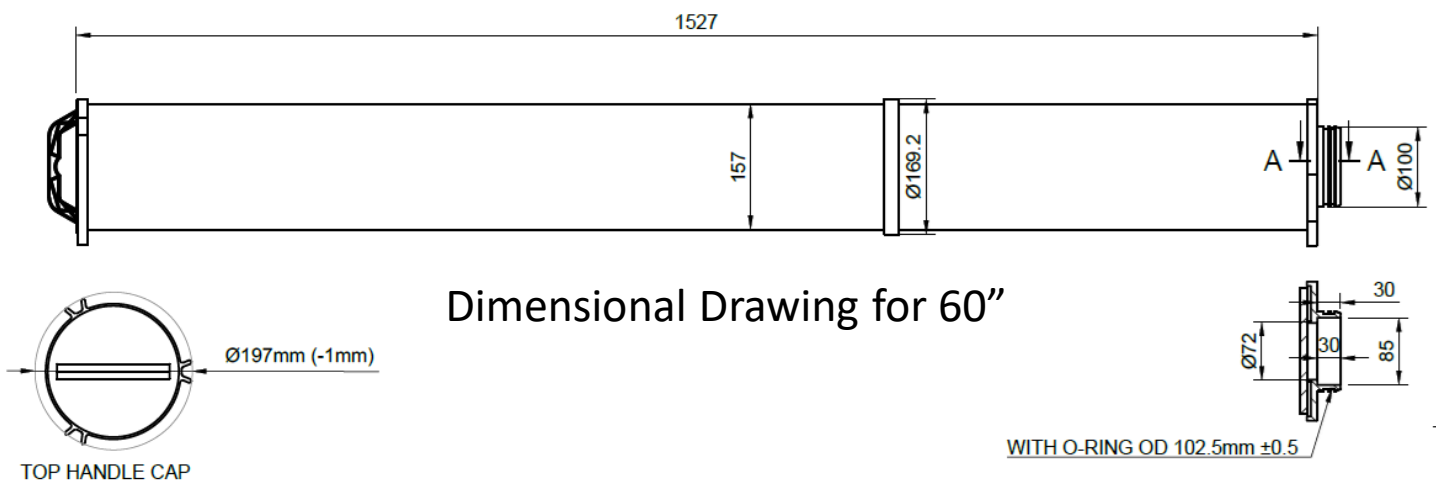
Features And Benefits

- Multiple pleated layer construction, filtration configuration in-out
- High filtration area up to 9.6m²
- 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

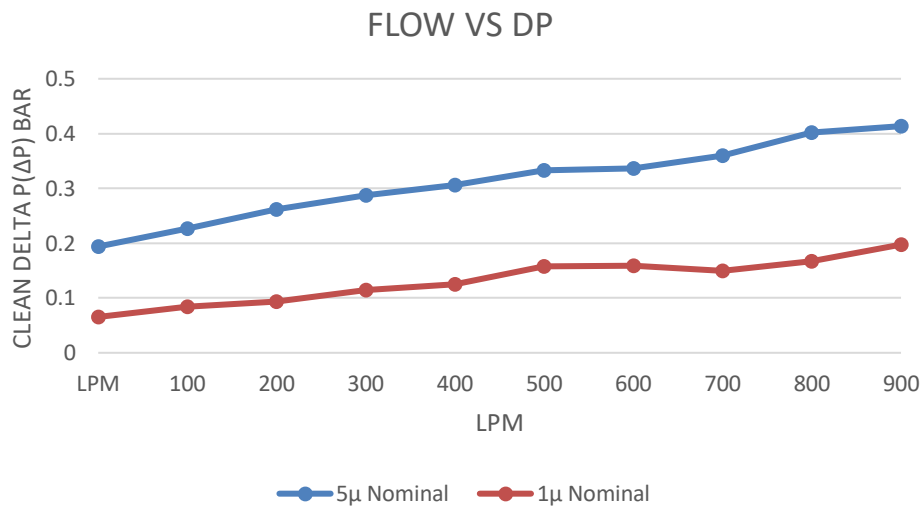


MATERIAL OF CONSTRUCTION

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

TECHNICAL SPECIFICATION

| | |
|-------------------------------------|--|
| Lengths: | 60/40/20inch |
| Outside diameter: | Ø 7.75" (197 mm) |
| Typical surface Area: | 9.6 m ² @60inch, 6.4 m ² @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") | 1000 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 |

| | |
|-----------------|----|
| 102.5 out to in | AQ |
|-----------------|----|

| TABLE 6- SEAL | |
|---------------|------|
| SEAL | CODE |

| | |
|---------|---|
| EPDM | E |
| NITRILE | B |

| TABLE 7 -APPEARANCE | |
|---------------------|------|
| APPEARANCE | CODE |

| | |
|------------------------|----|
| INNER CORE & BELT WRAP | BW |
| INNER CORE ONLY | IC |