

# 7000 Series Flow Filter Cartridge



Filter Cartridge

Filter Bag

## Introduction

The 7000 Series High Flow Filter Cartridge is suit for Pre and Pro and waste water application. It is designed to fit for wide range flow rates and the higher performance can compete up to 37 standard filters, enable to minimize the change-out cost.

## Specification

Micro Rating: 1, 5, 10, 20, 30, 40  $\mu\text{m}$

Materials of Construction:

Filter Media: 100% PP Melt-blown micro fiber

Inner core: PP

Outer sleeve and End caps : PP

Outer Diameter: 16.5 cm (6.5 inches)

Inner Diameter: 4 cm (1.6 inches)

Length: 50.8 cm (20 inches) , 100cm (39 inches)

O-Ring : AS-568-226, EPDM(Standard), Viton , Silicone , Viton encapsulated Teflon.

## Operation Condition

- ◆ Maximum operating forward pressure drop: 3.5bar at 25 °C
- ◆ Recommended Flow Rate: 12 Tons/hr
- ◆ Maximum operating temperature: 80°C
- ◆ Filtration Area : 12~20m<sup>2</sup>

## Applications of product

- ◆ RO Pre-Filtration
- ◆ Filtration of Edible oil
- ◆ UF Membrane Pre-Filtration
- ◆ Filtration of glass cut cleaning
- ◆ Beverage/Wine clarification
- ◆ Pre filters or Final filters for waste water
- ◆ Filtration of Amines

# 7000 Series Flow Filter Cartridge

## Code Principle

7 — 4 — 10 — E

Cross-  
Pleated

Length  
20 : 20  
40 : 40"  
2000

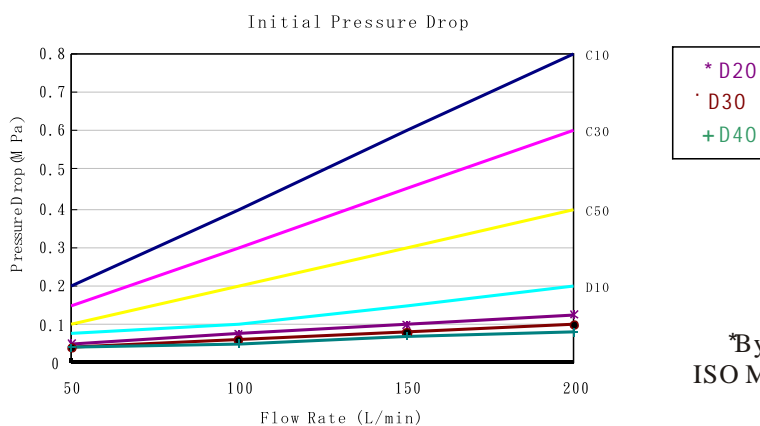
Micron  
01 : 1µm  
05 : 5µm  
10 : 10µm  
20 : 20µm  
30 : 30µm  
40 : 40µm

Ring Material  
E: EPDM  
V: Viton  
S: Silicone  
T: PFA  
encapsulated  
Viton

## Benefits and Features

Micron (µ m)	Filtration Efficiency (%) Single Pass Test						
	1	3	5	10	20	30	40
1µm	99.98	>99.98	>99.98	>99.98	>99.98	>99.98	>99.98
3µm	81.45	91.30	99.98	>99.98	>99.98	>99.98	>99.98
10µm	-----	58.55	78.25	99.98	>99.98	>99.98	>99.98
20µm	-----	-----	55.65	76.35	99.98	>99.98	>99.98
30µm	-----	-----	-----	74.65	85.35	99.98	>99.98
40µm	-----	-----	-----	-----	70.50	88.40	99.98

## Differential pressure



\*By Multi Pass Test  
ISO MEDIUM TEST DUST 12103-1, A3