

# Jumbo Cartridge

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**FEATURE**





## Jumbo Cartridge

### Profile

Jumbo Series Filter Cartridges are large, single opening pleated filter cartridges categorized into general and high temperature applications. With Jumbo's unique pleated technology and an inside-to-out flow direction similar to a filter bag, these cartridges have a high dirt holding capacity, longer lifespan and reduces production costs. The inside-to-out flow direction reduces the risk of side leakage, increasing the filtration accuracy. Jumbo is available in both nominal and absolute accuracy, suitable for meeting high filtration efficiency requirements for demanding and critical applications.

### Operation & Conditions

- Maximum Operating Delta Pressure: 3.5kg/cm<sup>2</sup>
- Maximum Operating Temperature:
  - GT Series 80°C
  - HT Series 120°C
- Recommended Flow Rate: 50m<sup>3</sup>/hr/40"



GT Series

HT Series



### Technical Specifications

- GT Series
  - Micron Rating: 1,5,10,20,40,70,100 micron
  - Filter Material: Polypropylene (PP)
  - Core Material: Glass Filled Polypropylene (GFPP)
- HT Series
  - Micron Rating: 1,5,10,25 micron
  - Filter Material: Fiberglass (FG)
  - Core Material: Polybutylene terephthalate (PBT)
- Length: 20", 40", 60", 80"
- Outer Diameter: 6"

### Applications

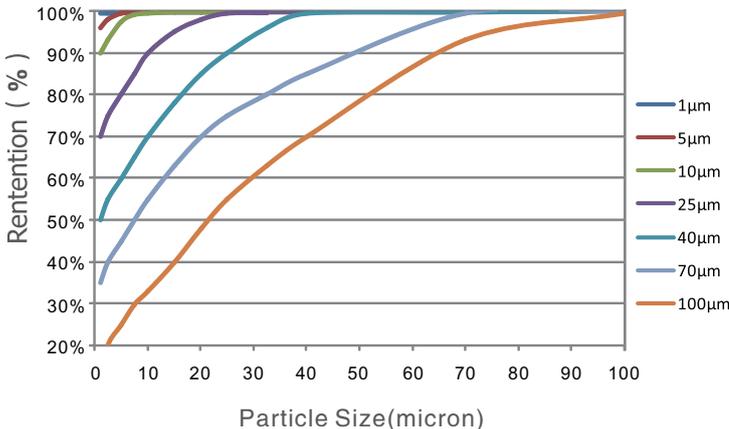
- Food & Beverage: Beer, Wine, High Fructose Corn Syrup, Soft Drinks, Dairy, Juice, Bottled Water, Pre-RO.
- Fuels & Chemicals: Chemical Plants, Refineries, Amines, Specialty Chemicals, Petrochemicals, Polymer, Oil Recovery, Film and Resins.
- Water Processing: Reverse Osmosis, Centralized Water Systems, Process Water, Municipalities, Desalination.

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# Jumbo Cartridge

Jumbo Absolute Precision Filter Efficiency Flow Curve



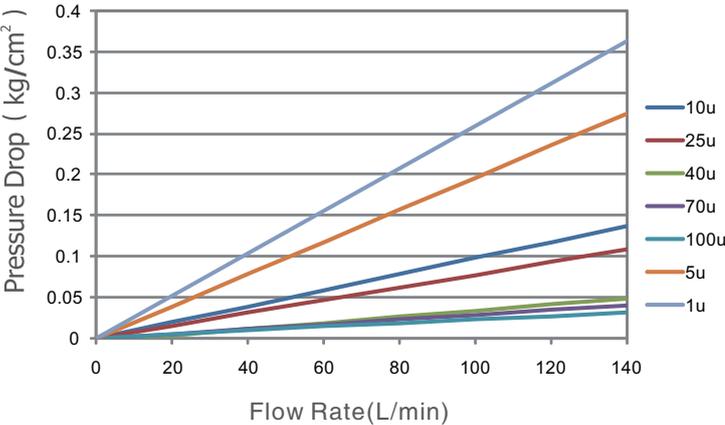
**Conditions: GT Series**

- 1. Filter Length: 10"
- 2. Dust Concentration: 10 ppm
- 3. Flow Rate: 100 L/min
- 4. Liquid: Pure Water
- 5. Test Temp.: 26°C (Room)

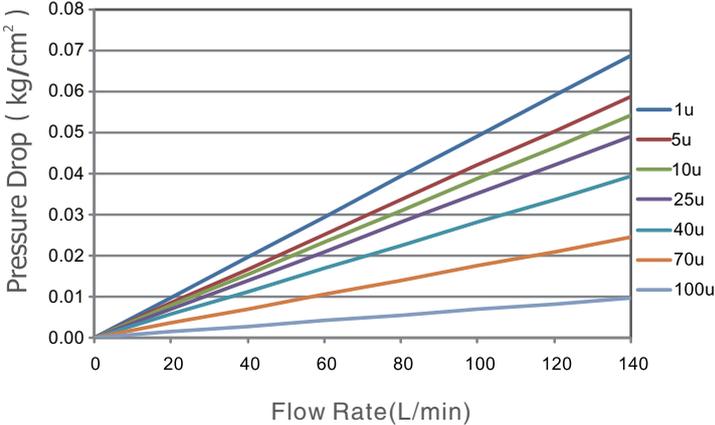
**Conditions:GT Series**

- 1.Filter length : 10"
- 2.Liquid: Pure water
- 3.Test temp: Room temp.

Jumbo Absolute Precision Filter Pressure Flow Curve



Jumbo Nominal Rating Filter Pressure Flow Curve



## Products Code

JAF	6	40	PP	4.5	E
JAF-Absolute rating JEF-Nominal rating	Outer Diameter 6- 6"	Length 20-20" 40-40" 60-60" 80-80"	Material PP FG	1µm 5µm 10µm 20µm 40µm 70µm 100µm	Ring Material: E- EPDM B- Buna N S- Silicone V- Viton

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## Sales Network



## Agent



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