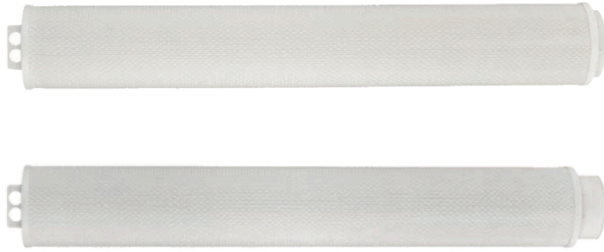


Outside pressure large flow filter cartridge

EKD Series



Petrochemical industry

- Chemical plant
- Paint production
- Oil injection
- Produced water treatment
- Condensate oil treatment process



Sewage disposal

- Production wastewater treatment
- Domestic sewage treatment



Aquaculture

- Purification treatment of aquaculture water

EKD series high-flow filter cartridge adopts large diameter (6 ") structure, folded and welded. It has a high-strength polypropylene support frame inside, and the liquid flow direction is from the outside to the inside. The external support is an integral polypropylene frame and Polyester filter. Two kinds of structures.Special structure makes it have a larger filtration area .

Features

- High dirt holding capacity and long service life
- Pure polypropylene material offers broad chemical compatibility
- The original product size of the end cap can be used universally
- Multi-layer gradient pore structure improves filtration efficiency

Technical Parameters

Length	20" 40" 60"
Outer diameter	161mm
Filter material	Polypropylene (PP) 、Glass fiber (GF)
Cage	Polypropylene (PP) 、Glass fiber (GF)
Material of Sealing O-ring	EPDM、Red silicone、Buna-N
Removal Rating	0.5μm、1μm、3μm、5μm、10μm、20μm、50μm、100μm

Operating conditions

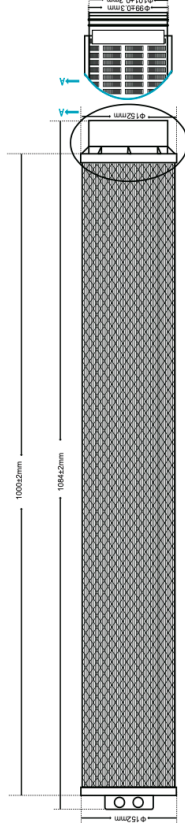
Maximum working temperature	Polypropylene (PP) 82°C Glass fiber (GF) 121°C
Maximum working pressure drop	Polypropylene (PP) 3.4bar Glass fiber (GF) 3.4bar
Recommended pressure drop for filter cartridge replacement	2.4Bar@20°C
Flow direction	From out to inside
Maximum Flow rate	20" 25m³/H 40" 50m³/H 60" 75m³/H

QC

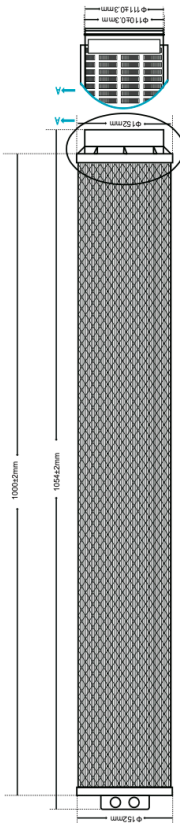
- Compliant with FDA-21 CFR standard, can be used in food and beverage processing
- Passed the acceptance standard of DL / T 1866-2018 National Energy Administration
- Strictly implement the ISO9001:2015 quality management system

Dimensions

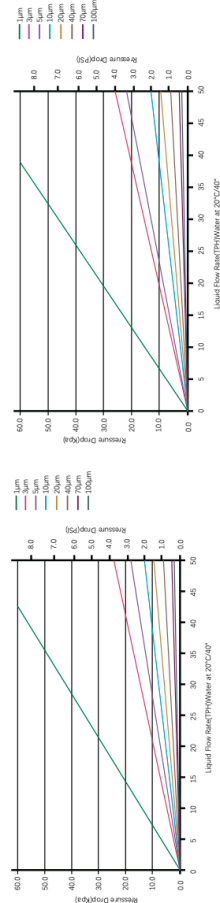
EKD Series Double sealing ring



EKD Series Single sealing ring



Flow vs Pressure Drop Diagram



Ordering Information

EKD	Series	P	Membrane material	Removal Rating	A	Appearance	Length	S	Material of seal O-Ring	A	Center pole
	EKD		P=PP G=GF	050=0.5μm 100=1μm 300=3μm 500=5μm 1000=10μm 2000=20μm 10000=100μm		A=Diamond mesh	20=20" 40=40" 60=60"		S=Silicon E=EPDM N=Buna-N		A=PP Skeleton G=GF Skeleton C=None