



# OPF Series Oilfield Pleated Filter Cartridges

## Description



OPF Series Oilfield Pleated Filter Cartridges are made of PP, Polyester or Borosilicate Glass Fiber pleated media. Pleated design enlarges the filtration area, having superior flow characteristics with low pressure drop compared to depth media of micron rating filters. Oilfield pleated filters have high dirt holding capacity, and long service life with stable filtration efficiency, therefore, they are used widely in significant industrial applications: oil field, power plant circulated water treatment, petroleum industry, solvents, selected acids & lyes and chemical industry etc.

## Features

- High dirt holding capacity, high flow rate and low pressure drop
- Various filter media are available with wide chemical compatibility
- Pleated design and large filtration area provide good filtration effect
- Oilfield pleated filter cartridges have long service life with economical cost
- Constructed with advanced thermal welding technology to seal all components

## Specification

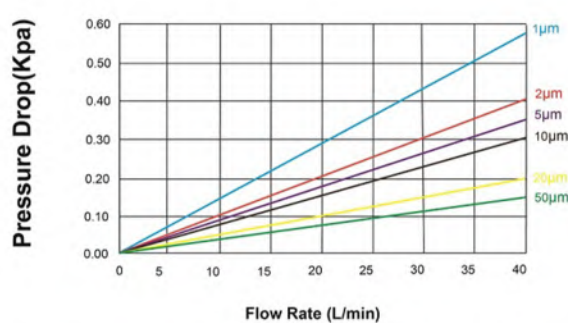
<b>Filter Media</b>	PP, PET or Borosilicate Glass Fiber
<b>Length</b>	10", 20", 30", 40"
<b>Outside Diameter</b>	2.75" (70mm)
<b>Filtration Rating</b>	1µm, 2µm, 5µm, 10µm, 20µm, 50µm
<b>Center Core</b>	Polypropylene, ABS
<b>End Cap Material</b>	Polypropylene, ABS
<b>Seal Material</b>	Silicone, EPDM, Viton, NBR
<b>Outside</b>	Cage/Netting
<b>End Cap Types</b>	DOE, 222/Flat, 222/Fin, 226/Flat, 226/Fin

## Application

- Oil Field
- Pharmaceutical
- Metal Treatment
- RO Pre-filtration
- Completion Fluids
- Petroleum Industry
- Wastewater Treatment
- Selected Acids & Lyes Industry
- Power Plant Circulated Water Treatment

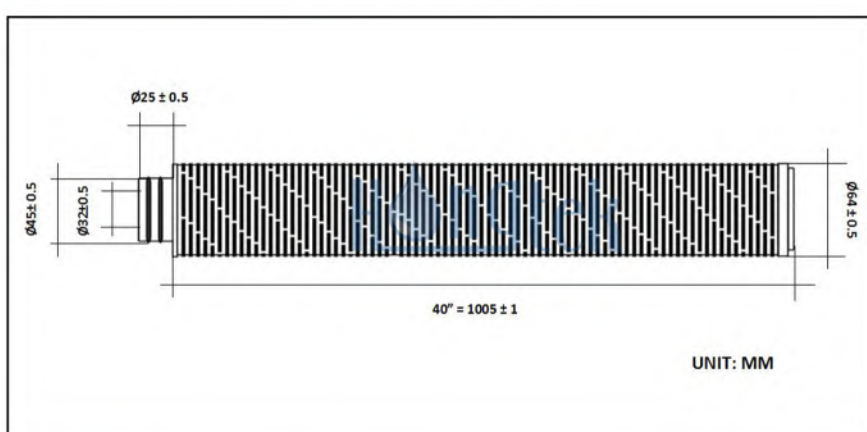
## Operation Data

<b>Max. Operating Temperature</b>	80°C (176°F)
<b>Max. Differential Pressure</b>	4.8 bar at 20°C (70 psi at 68°F) 3.4 bar at 50°C (50 psi at 122°F)
<b>Recommend Change out Differential Pressure</b>	2.4 bar (35 psi)
<b>Max. Recommend Flow</b>	6 m³/hr per 40" cartridge (26 GPM)



Flow Rate vs Pressure Drop for Per 40" Oilfield Filter

## Tech Support



## Order Information

OPF	Material	Length	Micron Rating	End Cap	Gasket/O-ring	Outside			
OPF Series Oilfield Pleated Filter	PP = Polypropylene	10 = 10"	1 = 1µm	A = 222/Flat	S = Silicone	N = Netting			
			2 = 2µm	B = 222/Fin					
	PET = Polyester	20 = 20"	5 = 5µm	F = 226/Flat	E = EPDM	C = Cage			
			10 = 10µm				H = 226/Fin		
			GF = Borosilicate Glass Fiber	40 = 40"				20 = 20µm	DOE = Double Open End
							50 = 50µm		

For Example:

OPF-GF-40-5-A-E-C

OPF Series Oilfield Pleated Filter Cartridges - Borosilicate Glass Fiber - 40" - 5µm - 222/Flat - EPDM - Cage

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