

# High Service Time GUF (Guard Filter) Filter Cartridge

## Rolled Polypropylene Depth Filter · Long Service Life

### Rolled Polypropylene Depth Filtration

Cobetter High Service Time GUF (Guard Filter) Filter Cartridges are made of polypropylene non-woven material. They provide 3x greater lifetime than meltblown filters. These filters are generally used where longer lifetime, high dirt holding capacity, and low change-out frequency are required. They are suitable for use in the water treatment industry.

### Features and Benefits

- 100% pure polypropylene depth filter with high dirt holding capacity
- 3x longer lifetime than meltblown filters
- No wetting agents, solvents, surfactants, or binders, or adhesives
- Reduce filtration cost
- No fiber-releasing

### Typical Applications

- Guard Filter for RO System
- Potable Water Filtration
- Cooling Water System
- Plating Baths

### Operating Conditions

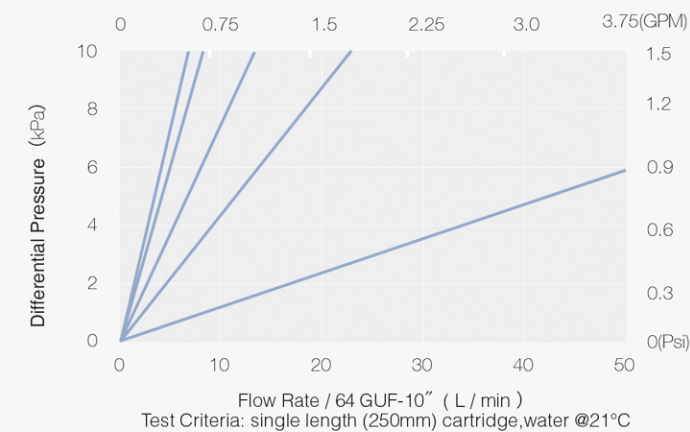
Max. Operating Temperature	158°F/70°C
Max. Pressure	3 bar / 70°F / 21°C 1.2bar/158°F/70°C
Recommended Design Flow Rate	0.5 m³/hr(10inch)

### Materials of Construction

Filter Medium	Polypropylene
Inner Core	Polypropylene
End Caps and Adaptors	Polypropylene
Nominal O.D.	64mm
Nominal I.D.	30mm

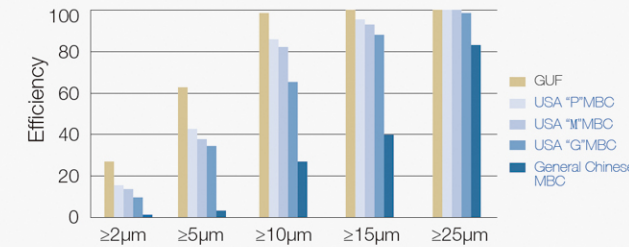


### Flow Rate Characteristics

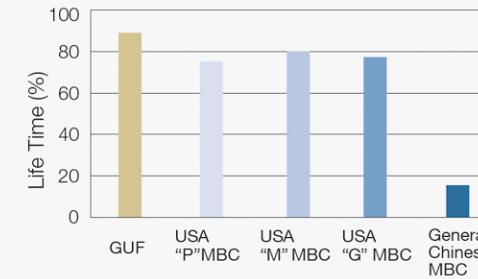


### Filter Performance

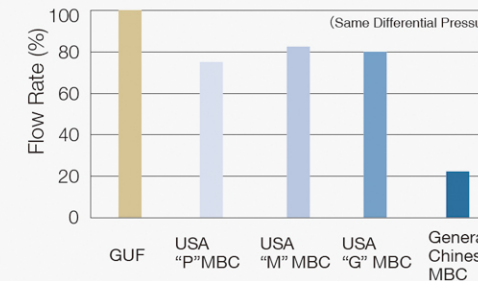
Efficiency Comparison of Filters



Life Time Comparison of Filters



Flow Rate Comparison of Filters



### Ordering Information

	Outer Diameter	Removal Ratings	End Cap	Nominal Length	Seal Material
GUF	Blank=64mm	0050=0.5µm	N = No Gasket (standard)	10=10 "	S=Silicon
	68=68mm	0100=1.0µm	H = PE Gaskets	20=20 "	E=EPDM
		0200=2.0µm	TC = 222 o-ring/flat cap	30=30 "	
		0300=3.0µm	TF = 222 o-ring/fin	40=40 "	
		0500=5.0µm	SF = 226 o-ring/fin	50=50 "	
		1000=10µm	DOE = Double Open End		
		2000=20µm			

### End Cap Configurations

