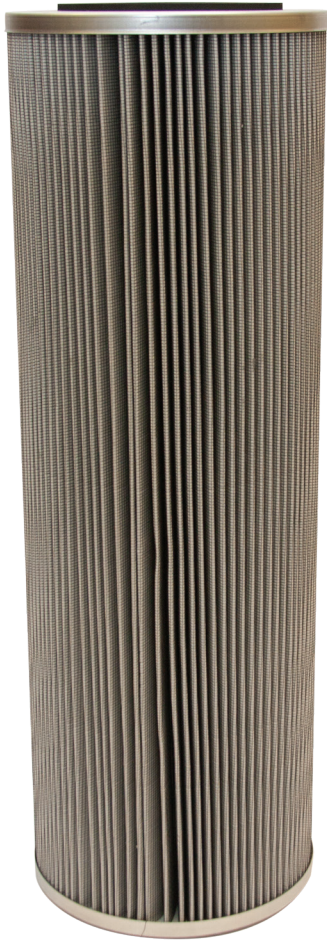


# FLUID HANDLING

## Full Flow Filter Elements

These elements provide high-efficiency filtration with low pressure drop. With a high holding capacity, they are ideal for large applications and highly contaminated lubricants.



### FEATURES

- Synthetic media with smooth, rounded fibers for low resistance to fluid flow
- Excellent chemical compatibility



# Overview

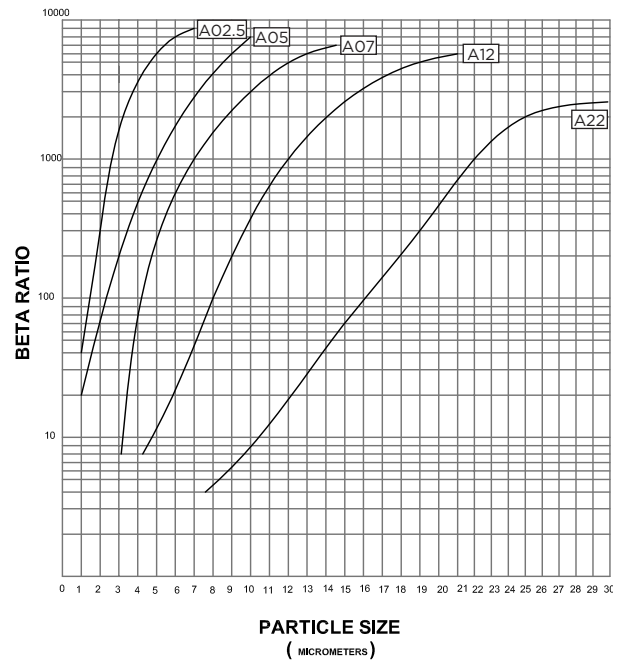
## The Full Flow Filter: The Standard Features

- High dirt holding capacity
- Performance to  $\beta_{x(c)} \geq 1000$  (per ISO 16889)
- Media Type: microfiber glass epoxy coated wire support
- Maximum differential pressure: 150psi
- Maximum flow rate: 150gpm
- Maximum viscosity: ISO VG 1000
- Endcap & center tube: corrosion protected steel
- Flow direction: outside in
- Gasket material: nitrile
- Collapse pressure rating: 125psid
- Temperature range: -45°F to 225°F
- Replacement pressure: 25psid

## Filter Media Types

Media	Fluid Compatibilities
Microfiber Glass (Particulate & Water Removal)	Synthetic fluids, water glycols, water/oil emulsions, petroleum-based fluids, high water content fluids

## Media Efficiency ISO 16889



## The Details for Particulate Removal Filters

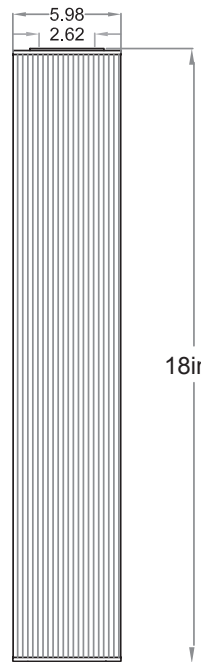
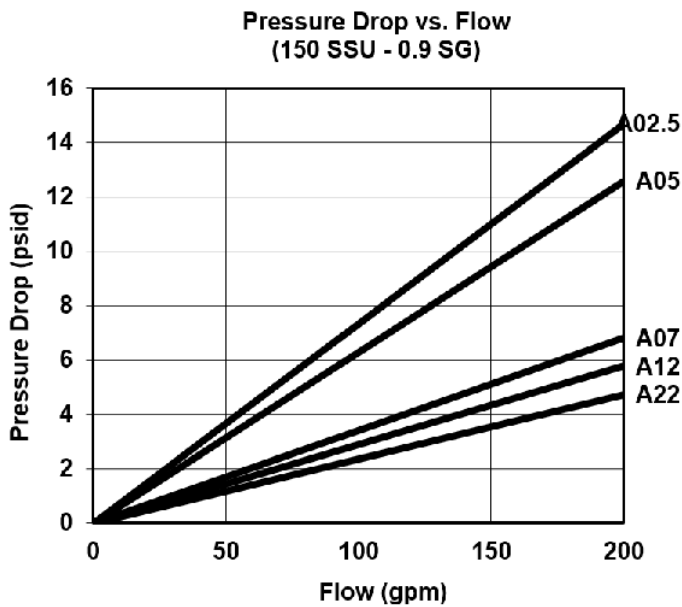
		$\mu\text{m}$ Rating for Beta Value - ISO 16889				
Micron Rating	Part #	$\beta_{x(c)} \geq 75$ 98.7% Efficiency	$\beta_{x(c)} \geq 200$ 99.5% Efficiency	$\beta_{x(c)} \geq 1000$ 99.9% Efficiency	Dirt Holding lbs. (g)	
6x18"	2.5 $\mu\text{m}$	DC-C12000S18AB	<2	<2	2.5	0.611 (277)
	5 $\mu\text{m}$	DC-C12000S18BB	3.1	3.8	5	0.734 (333)
	7 $\mu\text{m}$	DC-C12000S18CB	5	5.7	7	1.036 (470)
	12 $\mu\text{m}$	DC-C12000S18EB	8.3	9.7	12	1.221 (554)
	22 $\mu\text{m}$	DC-C12000S18FB	15.8	18.2	22	1.283 (582)
6x36"	2.5 $\mu\text{m}$	DC-C12000S36AB	<2	<2	2.5	1.232 (559)
	5 $\mu\text{m}$	DC-C12000S36BB	3.1	3.8	5	1.484 (673)
	7 $\mu\text{m}$	DC-C12000S36CB	5	5.7	7	2.090 (948)
	12 $\mu\text{m}$	DC-C12000S36EB	8.3	9.7	12	2.465 (1118)
	22 $\mu\text{m}$	DC-C12000S36FB	15.8	18.2	22	2.590 (1175)

**NOTE:** Other micron sizes available upon request.

Media area: Large element is 8103in<sup>2</sup> and small element is 4017in<sup>2</sup>. Weight: Large element is 3lbs and small element is 2lbs.

# Specifications

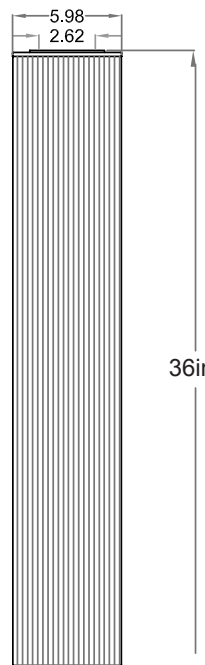
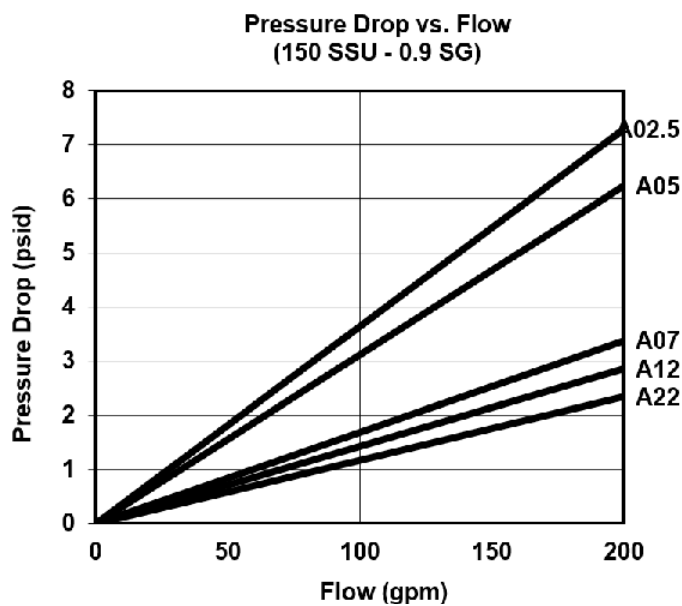
## 6x18 Size Elements



- Media Area: 4017in<sup>2</sup>
- Weight: 6lbs

Micron	Apparent Dirt Holding Capacity
2.5	277g/0.611lbs
5	333g/0.734lbs
7	470g/1.036lbs
12	554g/1.221lbs
22	582g/1.283lbs

## 6x36 Size Elements



- Media Area: 8103in<sup>2</sup>
- Weight: 12.5lbs

Micron	Apparent Dirt Holding Capacity
2.5	559g/1.232lbs
5	673g/1.484lbs
7	948g/2.090lbs
12	1118g/2.465lbs
22	1175g/2.590lbs