AJR FILTRATION

Liquid Filter Data Sheet

25 YEARS 1997-2022

High Performance 500 Series Liquid Filter Bags

- Micron ratings from 0.5 to 32
- Stainless steel ring standard
- Wide chemical compatibility
- Excellent oil absorbing capabilities
- Handles on all bags
- Absolute efficiencies to 99.0%
- Multilayer construction
- Polyester and polypropylene materials meet FDA regulations for contact under CFR21, section 177.1520

40-56 SQUARE FEET OF MEDIA COMPARED TO 4.4 SQ. FT. FOR MOST FILTER BAGS!

Depending on the micron.

High Efficiency Bag Materials

Polypropylene and Polyester Microfiber materials provide high efficiencies at low micron ratings. The optional addition of a needle punched felt layer provides a prefilter zone and results in extended life.

This multilayer technology option results in a true graded density material with high performance levels.

High Efficiency Bag Styles

The 500 Series liquid filter bags contain 40-56 sq. ft. of usable filter media (depending on micron). This compares with only 4.4 sq. ft. for most filter bags.

The 500 Series liquid filter bag can also absorb unwanted trace oils that frequently occur in processed fluids. The high amount of surface area due to the microfiber construction, results in oil holding capacities from 15-25 times the filter's own weight.

The 500 Series liquid filter bag complies with FDA regulations governing food and beverage contact. The 500 Series liquid filter bag is available in the standard Size #2. The filters are made from pure polypropylene or polyester and are free of potentially damaging silicone oils.

Example:

PO521AP2F

PO	521A	P2	F
Media Type	Micron Rating	Bag Dimensions	Ring style

Testing @ 50 GPM

Product Number	520A	521A	522A	523A	525A	527A	529A
Micron Rating	0.5 µm	1 µm	2 µm	3 µm	5 µm	13 µm	32 µm
Initial Efficiency	99%	99%	99%	99%	97%	95%	95%
Dirt Holding Capacity (AC Fine)	225 gms	225 gms	225 gms	225 gms	450 gms	670 gms	955 gms
Oil Holding Capacity (Mineral Oil)	4510 gms	4510 gms	4510 gms	4510 gms	5150 gms	6530 gms	5450 gms

Ordering Information

Media Type	Micron Rating	Bag Dimensions			Ring/Flange Styles	Options
		Size	Diam.	Length		
PO - Polypropylene	See Chart	P2	7"	32"	S = Galvanized Steel	H = Handle (Standard on all ring style bags)
PE - Polyester					SS = Stainless Steel	
					PP = Polypropylene Ring	
					P = AJR-P Flange	
					F = AJR-F Flange	
					OSS = AJR OSS Flange	