

500 Series Oil Holding Filter Bag

Introduction :

500 series uses the patented by pass/transport layer design that maximizes particle containment and surface area of each filter bag. This unique design also improves performance and reduces operating costs. Compare with normal filter bag 4.4 square feet and filter cartridge only 6.5 square feet, the surface area of 500 series Oil holding filter bag reaches 38 square feet.

500 series is constructed by patented by pass/transport concept, specially designed can cut into certain areas of the media to prevent premature blinding of the filter. The transport layer in the second layer of the filter bag provides a barrier for final particle filtration. This construction enables to maximize dirt loading capacity at high flow rates. There are no sewn seams used in any filtering layers, thus allowing high filtration efficiencies for fine particle.



Additional operational advantages of 500 series :

Easier and faster change out, less labor required. Contaminant captures inside the bag, convenient handling. Bag compressibility, no waste consumption.

Applications :

0Acid and bases / Amines / cacbon beds / Makeup water / Deep wells / Desalination / DI resins / Glycol / Organic solvents / Groundwater clean up / Machine coolants / completion Fluids / photo chemicals / Painting solution / RO membranes / Storm water / Waste water / water flood.

Operation conditions :

Max. Operating temperature : 180⁰F (82⁰C)
Recommended Flow (in water) : 25 gpm (5.7m³/hr)
Suggested Max.Flow (in water) : 50 gpm (11m³/hr)
Suggested Max.Differential Pressure : 35 psi (2.4bar)

Filtration Efficiency :

Initial Pressure Drop :

Product Code	522	525	527	529
Efficiency@99%	2.5	5.0	15	48
Efficiency@95%	1.5	3.0	9	35
Efficiency@90%	0.9	1.5	8	30
Efficiency@75%	<0.7	1.0	7	22
Efficiency@50%	<0.7	<1.0	4	8

