

Optimal Conditions for Use of Seitz Filter Sheets* in Wine Filtration

Flow Rate and Differential Pressure:

20x20 cm Sheet:

	Optimum Gal/hr/sheet	Maximum Gal/hr/sheet	Maximum Differential Pressure
Sterilizing Filtration	5	6	21 psi (1.5 bar)
Polishing Filtration	9	13	45 psi (3.0 bar)

- Effective filter area 0.77 sq. ft. (0.070 meter sq.)

40x40 cm Sheet:

	Optimum Gal/hr/sheet	Maximum Gal/hr/sheet	Maximum Differential Pressure
Sterilizing Filtration	20	25	21 psi (1.5 bar)
Polishing Filtration	35	50	45 psi (3.0 bar)

- Effective filter area 1.54 sq. ft. (0.143 meter sq.)
- Sterile filter sheets are KS 80, KS 50, EK, EK1 , and EKS
- Polishing sheets are K 900 through K100

60x60 cm Sheet:

	Optimum Gal/hr/sheet	Maximum Gal/hr/sheet	Maximum Differential Pressure
Sterilizing Filtration	46	50	21 psi (1.5 bar)
Polishing Filtration	75	100	45 psi (3.0 bar)

- Effective filter area 3.58 sq. ft. (0.330 meter sq.)

Expected throughput range 5-50 times maximum recommended flow rate.

Throughputs outside this range may be acceptable but are generally not recommended.

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