SCOTT LABORATORIES
2220 Pine View Way • P.O. Box 4559 • Petaluma, CA • 94955-4559

Optimal Conditions for Use of PallSeitzSchenk® Filter Sheets in Beer Filtration

Flow Rate and Differential Pressure:

20x20 cm Sheet:

	Optimum bbl/hr/sheet	Maximum bbl/hr/sheet	Maximum Differential Pressure
Sterilizing Filtration	0.14	0.20	27 psi (1.8 bar)
Polishing Filtration	0.40	0.50	37 psi (2.5 bar)

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

40x40 cm Sheet:

	Optimum bbl/hr/sheet	Maximum bbl/hr/sheet	Maximum Differential Pressure
Sterilizing Filtration	0.20	0.33	27 psi (1.8 bar)
Polishing Filtration	0.60	0.75	37 psi (2.5 bar)

- Effective filter area 1.54 sq. ft. (0.143 meter sq.)

60x60 cm Sheet:

	Optimum bbl/hr/sheet	Maximum bbl/hr/sheet	Maximum Differential Pressure
Sterilizing Filtration	0.50	0.75	27 psi (1.8 bar)
Polishing Filtration	1.40	1.75	37 psi (2.5 bar)

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

Sterilizing Filtrations: Throughput range 5 to 30 times maximum recommended flow rate with good prefiltration.

Polishing Filtrations: Normal for well-settled ales:

20x20 – 0.45 bbl/sheet
40x40 – 0.67 bbl/sheet
60x60 – 1.50 bbl/sheet

* For Lager beers, expect a throughput volume/filter sheet of 2-3 times greater