

# Specifications for Coated Cellulose Acetate, Code Y

Nominal Rating [μm]	Bubble Point <sup>1</sup>		Flow Rate <sup>2</sup>		% Latex Particle Retention [particle size in μm]							
	[MPa]	[psi]	Water [ml/min/cm <sup>2</sup> ]	Air [L/min/cm <sup>2</sup> ]	0.48	0.65	0.80	1	2	3	5	10
0.80	≥0.088	≥12.8	100	10	99	99	>99.9	-	-	-	-	-
2.00	≥0.049	≥7.1	290	32	96	99	99	99	>99.9	-	-	-
10.00	≥0.017	≥2.6	750	80	-	-	-	-	98	99.9	99.9	>99.9

## Definitions

1. Bubble point is the minimum pressure required to force air through a membrane which has been prewet with water
2. Flow Rates indicates initial flow rate at 10 psi using a KGS 47 filter holder  
Water: Using water prefiltered to 0.1 μm pore size  
Air: Using prefiltered nitrogen at 10 psi