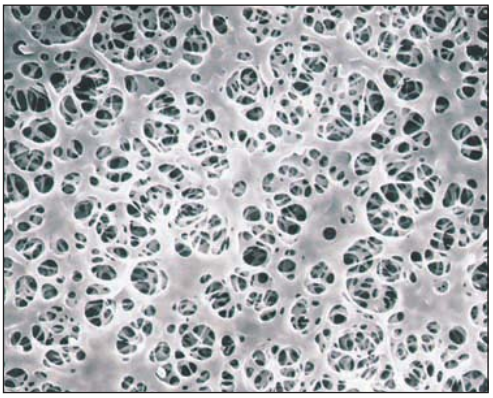
Coated Cellulose Acetate

- **Composition:** Cellulose acetate cast onto a non-woven polyester support
- **Characteristics:** Non-fiber releasing
- **Low protein binding** relative to nitrocellulose
- **Low static charge** matrix with enhanced chemical compatibility to low molecular weight alcohols
- **Maximum operating temperature:** up to 180°C
- **Autoclavable**



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Application

- Use as a clarifying filter or prefilter

Specifications: Coated Cellulose Acetate (CMF), Code Y

Nominal Rating (µm)	Bubble Point*1		Flow Rate *2		% Latex Particle Retention (particle size in µm)							
	MPa	psi	Water (mL/min/cm²)	Air (L/min/cm²)	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 Rate 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 25°C air at 10 psi

Ordering Information: Coated Cellulose Acetate – Non-sterile

Plain White, package of 100 discs

Nominal Rating (µm)	Diameter							
	35 mm	47 mm	76 mm	90 mm	124 mm	142 mm	257 mm	293 mm
0.80	Y008A035A	Y008A047A	Y008A076A	Y008A090A	Y008A124A	Y008A142A	Y008A257A	Y008A293A
2.00	Y020A035A	Y020A047A	Y020A076A	Y020A090A	Y020A124A	Y020A142A	Y020A257A	Y020A293A
10.00	Y100A035A	Y100A047A	Y100A076A	Y100A090A	Y100A124A	Y100A142A	Y100A257A	Y100A293A

Also available in:

- Cartridge format (TCY and TCYE)