

SCOTTCART DUAL LAYER

CELLULOSE ACETATE CARTRIDGES DESIGNED FOR BIOBURDEN (PARTICLE, MICROORGANISM, AND COLLOID) REDUCTION IN BEVERAGES

DESCRIPTION

ScottCart dual layer cellulose acetate (CA) cartridges are pre-membrane filters that are optimized for the reduction of a broad range of particulate and colloidal materials in wine, distilled spirits, etc. These cartridges combine two progressively tighter layers, offering excellent throughput performance due to the built-in prefiltration step.

FEATURES

- Can be forward flow regenerated with warm water
- Compatible with pH range of 1-9
- Works well in-line (upstream) of final filter membranes to extend life of final filters
- **Works well post-crossflow to mitigate potential colloidal concerns**

SPECIFICATIONS

MATERIALS OF CONSTRUCTION

CARTRIDGE AREA	MATERIAL
PREFILTER MEMBRANE:	Cellulose Acetate
ENDFILTER MEMBRANE:	Cellulose Acetate
SUPPORT FLEECE:	Polypropylene
CORE:	Polypropylene
END CAPS:	Polypropylene
O-RINGS:	Silicone

EFFECTIVE FILTRATION AREA (EFA)

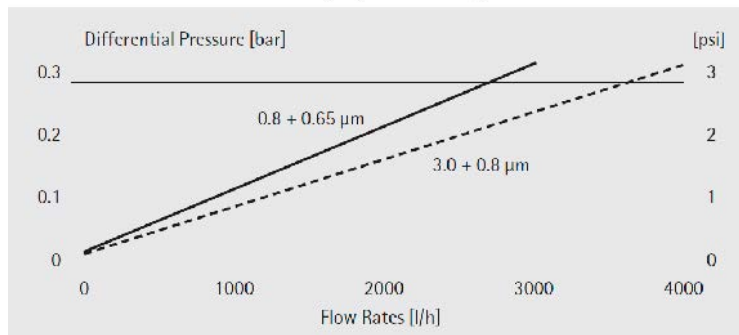
- Up to 1.8m² (19.3 ft²) per 30" (750 mm)

RECOMMENDED OPERATING CONDITIONS

MAX. DIFFERENTIAL PRESSURE	MAX. BACK PRESSURE
5 bar (72.5 psi) at 20°C (68°F)	2 bar (29 psi) at 20°C (68°F)
2 bar (29 psi) at 80°C (176°F)	

PERFORMANCE CHARACTERISTICS

Water Flow Rates for ScottCart Dual Layer per 10" cartridge



CLEANING AND STERILIZATION

These cartridges can be steam sterilized at 134°C (273°F) for 20 min. at a differential pressure of up to 0.5 bar (7.25 psi). Please refer to our Directions for Use document found on the product webpage for more information.

Cellulose acetate prefilters are only compatible with a pH up to 9. Contact with alkaline cleaning agents is not recommended.

MANUFACTURING TRACEABILITY

Each filter element displays the product description, product code and lot number. Additionally each filter module displays a unique serial number providing full manufacturing traceability.

ORDERING INFORMATION

[Click here](#) to view available ScottCart Dual Layer CA cartridges on our website.