

SCOTTCART ACQUA MEMBRANE PES

DESCRIPTION

The **ScottCart Aqua Membrane PES** cartridges are integrity testable membrane filters especially developed for filtration of water in the food & beverage industry. They are characterized by a unique hydrophilic Polyethersulfone membrane offering a broad chemical compatibility, exceptional high flow rates and total throughputs and highest microbiological safety.

Each individual element is tested for integrity during production by Bubble Point and Diffusion Testing to assure the highest product quality.

CHARACTERISTICS

- Microorganism removal efficiency (*Brevundimonas diminuta*)
- Inert construction materials
- Integrity easily verifiable on site.

ADVANTAGES

- **ScottCart Aqua Membrane PES** guarantee effective microbial stabilization of the water
- Mechanical and chemical resistance without loss of integrity
- Chemically regenerable.

SPECIFICATIONS

MATERIALS OF CONSTRUCTION

CARTRIDGE AREA	MATERIAL
FILTRATION MEMBRANE:	Polyethersulphone, asymmetric
OUTER PROTECTION CAGE:	Polypropylene
INNER CORE:	Polypropylene
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O-RINGS:	Silicone

TECHNICAL SPECIFICATIONS:

PORE SIZE	0.2 µm
FILTRATION AREA	0.7 - 0.8m ² (per 10")
ADAPTER	Code 7
MAX ALLOWABLE BACK PRESSURE	5 bar (72.5 psi) at 20°C (68°F) 2 bar (29 psi) at 80°C (176°F)

SCOTTCART ACQUA MEMBRANE PES

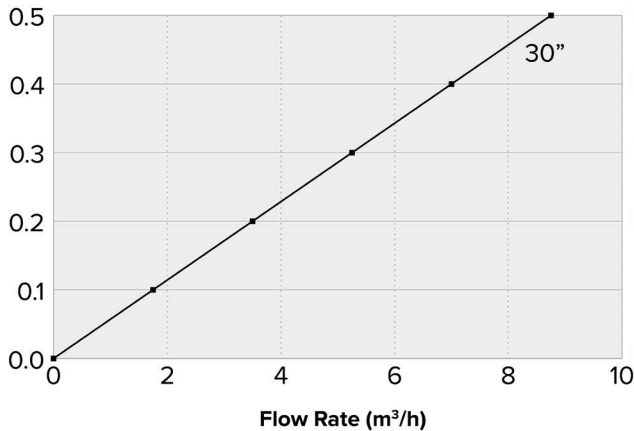
INTEGRITY TEST DATA

Each individual element is tested for integrity during production by Bubble Point and Diffusion Testing to assure the highest product quality.

All filters are flushed with pharmaceutical grade purified water prior to dispatch.

WATER FLOW RATES FOR 30" CARTRIDGE

Differential Pressure (bar)



Standardized at 20°C (68°F)

MANUFACTURING TRACEABILITY

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

COMPLIANCE WITH FOOD CONTACT

Material compliant with the requirements of the FDA regulation 21 CFR Part 177 of the "Food and Drug Administration" (FDA), of the current EC regulation 1935/2004 and of the current USP Plastics Class VI - 121 °C (249.8 °F).

