

RONA™ PAX II

POLYETHERSULFONE MEMBRANE **Filter**

The RONA™ Pax II marks the next generation in PES (Polyethersulfone) filter media with its high surface area and excellent service life.

FEATURES

- Available pore size rating 0.04 micron - 1.2 micron
- Polyethersulfone membrane is a permanently membrane without the use of additives, surface active agents or post-treatments
- The highly porous asymmetric membrane that ensures lower pressure drop, greater through put and extended service life
- 0.8m² /10" of filtration area, lower pressure drop and high flow rate
- The filter element is manufactured in a clean room.
- Pre-flush 30mins with 18MODI water/2GPM, TOC content is lower than 40 ppb
- Assurance of product integrity test and effectiveness in Operation
- Certified by FDA
- End caps and connectors are sealed by thermal bond
- The RONA™ Pax II pleated filter cartridge is constructed of PES (Polyethersulfone) filter media with polypropylene casing
- The RONA™ Pax II has excellent bio-reduction, chemical resistance and has an absolute filter rating

APPLICATIONS FOR PRODUCT

- Beverage including wine and beer
- Filtration of photoelectric industry of clean, rinse
- BOE, photoresists of filtration
- Terminal fine filtration of DI water system

OPERATING CONDITIONS

Maximum Operating Forward Pressure

20°C 5.5kg/cm²

80°C 1.7Kg/cm²

Maximum Operating Temperature: 90°C

STERILIZATION:

Autoclave	120°C, 30Min, 20 Times
Steam	121°C, 30 Min, 20 Times
Hot Water	80°C, 30 Min, 50 Times

MATERIAL OF CONSTRUCTION

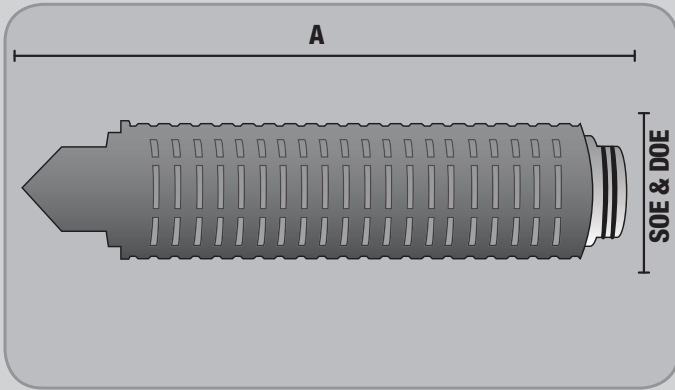
Membrane: PES (Polyethersulfone) hydrophilic membrane

Support: PP

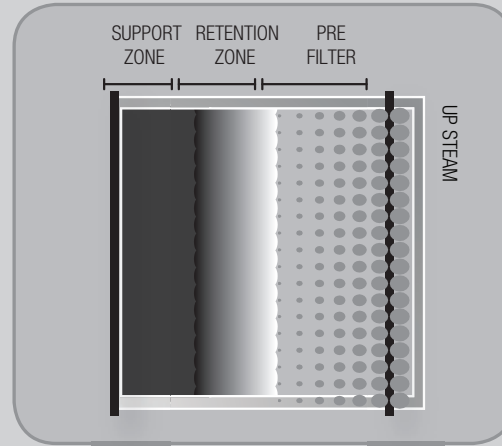
Core & end caps: High Strength PP with stainless steel insert

O-ring material: EPDM, Buna N, Silicone, Viton, PFA, encapsulated Viton

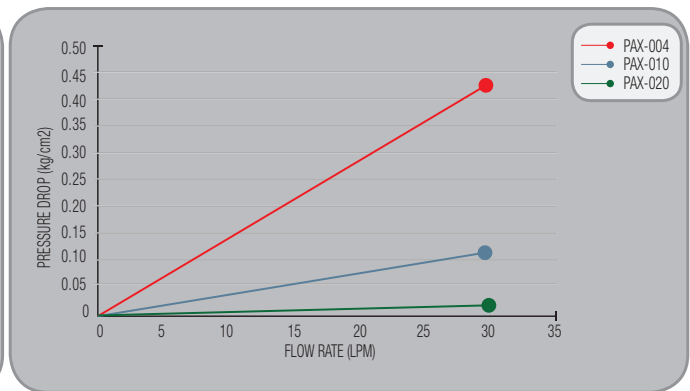
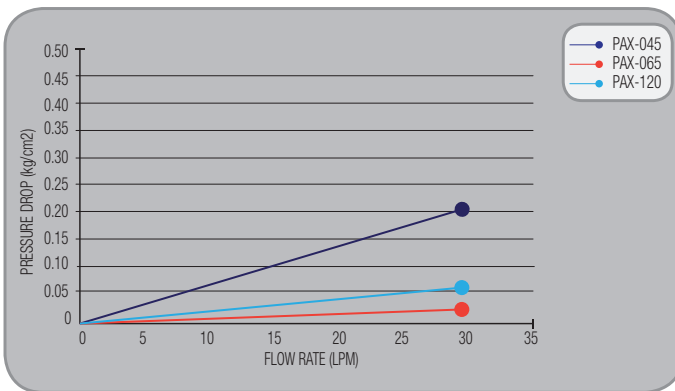
MEASUREMENTS



PES MEMBRANE CROSS STRUCTURE



AR INITIAL PRESSURE DROP



BACTERIAL RETENTION

ABSOLUTE FILTRATION RATING MICRON	BACTERIAL RETENTION FOR 10" CARTRIDGE
0.2	10, Brevundimonas diminuta
0.45	10, Serratia marcescens
0.65	10, Sacch Cerevisiae

ORDERING INFORMATION

CARTRIDGE	LENGTH / A	MICRON	O-RING MATERIAL	END CAP
206- RPAXII	A :Shorter than 10" Remark total length Example: 0987 = 9.87"	A04 :0.04µm	E :EPDM	F :DOE DBL OPEN & CAP
	1000 :10"	0A1 :0.1µm	N :BUNAN N	0 :SOE 222/FLAT
	2000 :20"	0A2 :0.2µm	S :SILICON	5 :SOE 222/FIN
	3000 :30"	A45 :0.45µm	V :VITON	6 :SOE 226/FLAT
	4000 :40"	A65 :0.65µm	T :VITON encapsulated PFA	7 :SOE 226/FIN
	Example: 206-RPAX100A451EF	1A2 :1.2µm		A :213/213
				B :213/FLAT
				C :213/FIN