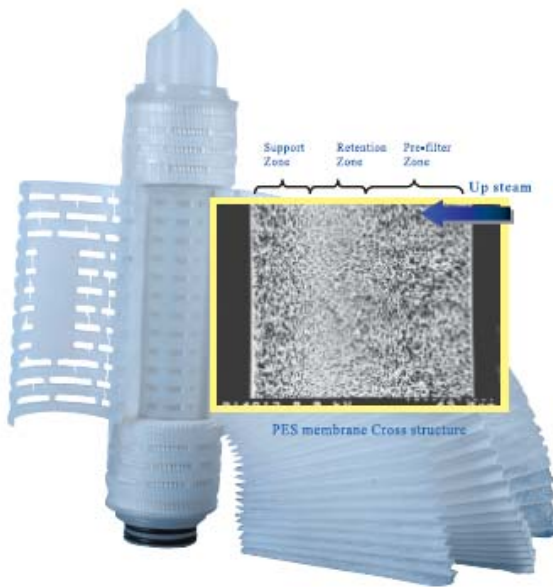
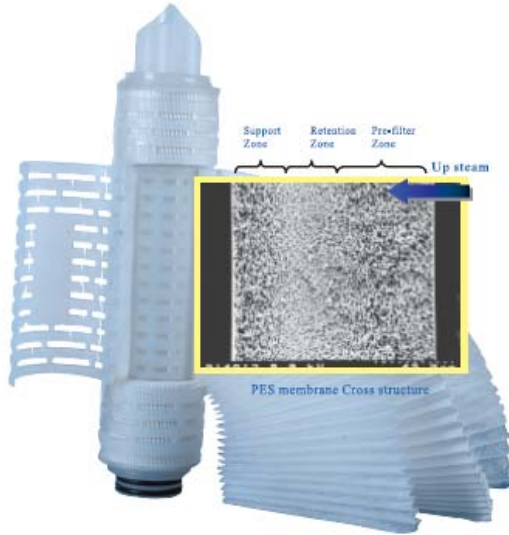


PES Series – PES Membrane



PES Series PES Membrane

- Pore sizes of 0.04, 0.1, 0.2, 0.45, 0.65, 1.2
- Available in sizes 10", 20", 30" and 40".
- Certificated by FDA
- Polyethersulfone membrane is permanently hydrophilic without use of additives, surface active agents or post-treatments
- The highly porous asymmetric membrane that ensures
 - Lower pressure drop
 - Greater throughput
 - Extended service life
- End caps and connectors sealed by thermal bond, free of binder
- Manufacture in clean room
- 100% integrity test
- Pre-flush with 18 meg ohm-cm DI water, TOC content is lower than 40 ppb
- Recommended uses
 - Water treatment – Final filtration
 - Electronics – Solvent accurate filtration
 - Pharmaceutical – Bacteria
 - Chemical – Alkalis solution
 - Beverage –Final filtration
 - Machine – Cutting fluid



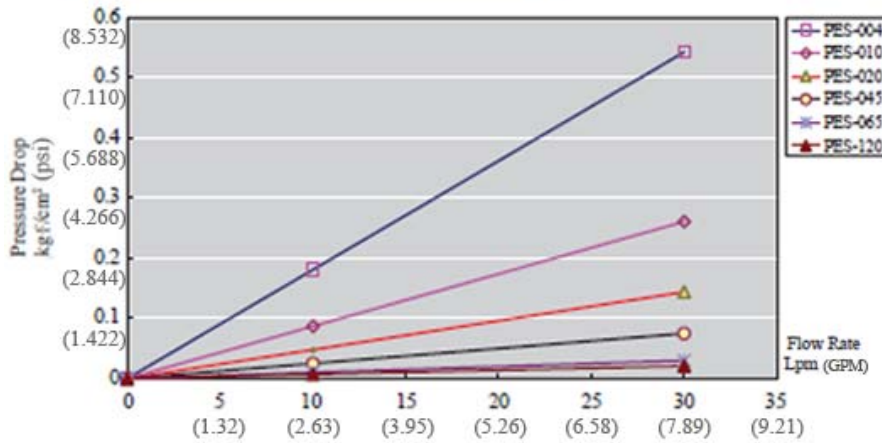
Suggested equivalent products

- PTI Clariflow water
- Pall Poly-Fine II 0.2micron
- Pall Varafine VFSG

Specifications

Item	Technical data
Pore size (micro)	0.04 0.10 0.20 0.45 0.65 1.2
Membrane	Polyethersulfone hydrophilic membrane
Core & End Cap Material	PP
O-ring Material	EPDM, Buan N, Silicone, Viton, PFA encapsulated Viton
Filtration Area(sq ft)	Type I = 5.9, Type II = 9.9, Type III = 8.6
Length (inch)	10 20 30 40
Inner diameter (inch)	1.1
Outer diameter (inch)	Type I, III = 2.7, Type II = 3.1
Maximum operating forward pressure	176 °F: 24 psi 68 °F: 78 psi
Maximum working temperature	176 °F
Sterilization	Autoclave: 2508 °F, 30 min, 10 times Steam: 250 °F, 30 min, 10 times Hot water:176 °F, 30 min, 30 times

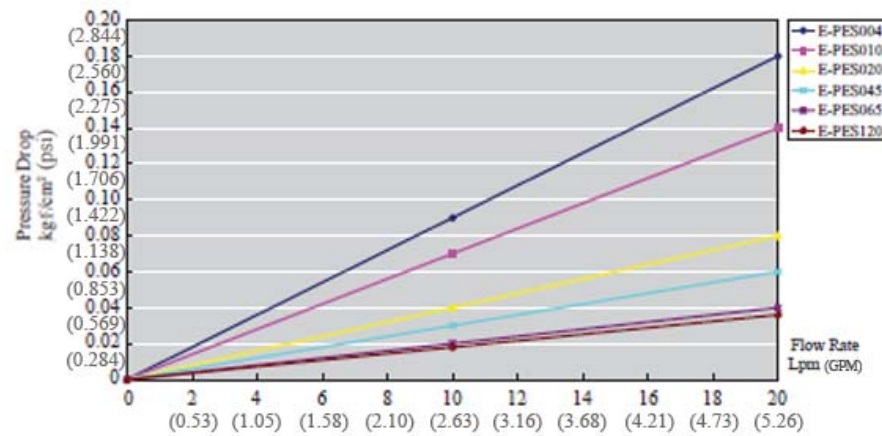
Type I Initial Pressure Drop



Micron Ratings

- PES 004 = 0.04
- PES 010 = 0.1
- PES 020 = 0.2
- PES 045 = 0.45
- PES 065 = 0.65
- PES 120 = 1.2

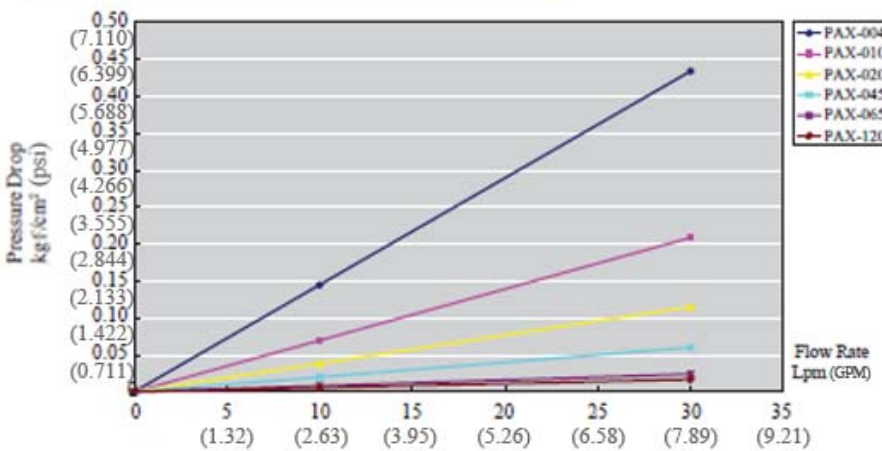
Type II Initial Pressure Drop



Micron Ratings

- E-PES 004 = 0.04
- E-PES 010 = 0.1
- E-PES 020 = 0.2
- E-PES 045 = 0.45
- E-PES 065 = 0.65
- E-PES 120 = 1.2

Type III Initial Pressure Drop



Micron Ratings

- PAX 004 = 0.04
- PAX 010 = 0.1
- PAX 020 = 0.2
- PAX 045 = 0.45
- PAX 065 = 0.65
- PAX 120 = 1.2

Product Codes				
E-	PES-	010-	E-	0-
Type		Pore Size	O-ring	End Cap
(Blank) =Type 1 E =Type 2	PES=Poly-philic PAX=Poly-philic plus	010 = 0.1 020 = 0.2 045 = 0.45 065 = 0.65 120 = 1.2	E=EPDM N=Buna N S=Silicone V=Viton T=PFA encapsulated Viton	F=Double Open End 0=222/Flat 5=222/Fin 6=226/Flat 7=226/Fin A=213/213 B=213/Flat C=213/Fin

Product Codes		
1-	B-	A
Bag Length	Inner Core	Integrity Test
A=<10''(remark the total length) 1=10'' 2=20'' 3=30'' 4=40''	A=Not Pre-flushed B=Pre-flushed w/DI water	A=Non-integrity test B=Integrity test

Example:

E-PES-010-E-0-1-B-A