

## Nylon Series – Nylon Membrane



### Nylon Series Nylon Membrane

- Pore sizes of 0.1, 0.2, 0.45, 0.65, 1
- Available in sizes 10", 20", 30" and 40".
- Certificated by FDA
- Features a naturally hydrophilic polyamide Nylon membrane ensures
  - Even holes
  - High intensity
  - Excellent chemical compatibility
- Pleated surface provides
  - superior flow rate
  - High holding capacity
  - Longer service life
  - Lower pressure drop
- Suitable for the sub-micro filtration of a wide range of process liquid
- 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 – Water accurate filtration



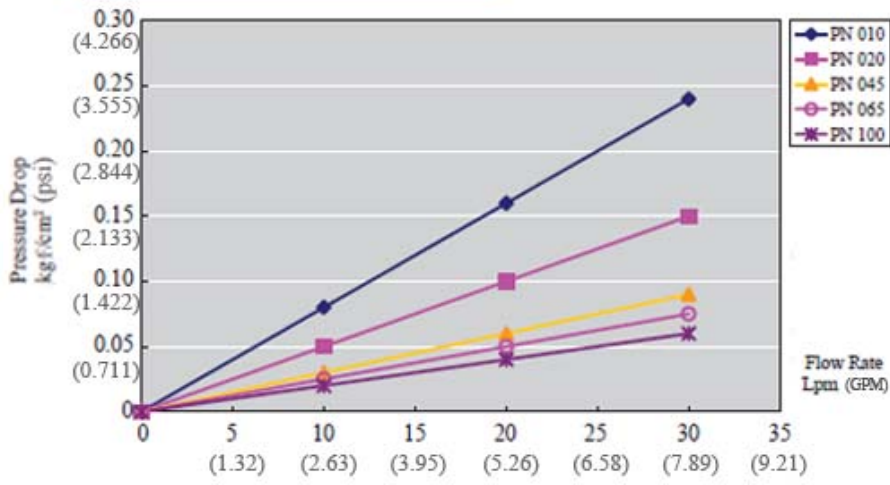
### Suggested equivalent products

- Pall Posidyne
- Pall Ultipor N66
- CUNO Zetapo

## Specifications

Item	Technical data
Pore size (micro)	0.1 0.2 0.45 0.65 1
Membrane	Nylon membrane
Core & End Cap Material	PP
O-ring Material	EPDM, Buan N, Silicone, Viton, PFA encapsulated Viton
Filtration Area(sq ft)	Type I = 8.6, Type II = 10.5
Length (inch)	10 20 30 40
Inner diameter (inch)	1.1
Outer diameter (inch)	Type I = 2.7, Type II = 3.1
Maximum operating forward pressure	194 °F: 20 psi (DI water) 140 °F: 20 psi
Maximum working temperature	For chemical filtration 140 °F For food & beverage, DI water 194 °F
Sterilization	250 °F, 30 min, 10 times

## Type I Initial Pressure Drop



### Micron Ratings

PN 010 = 0.1

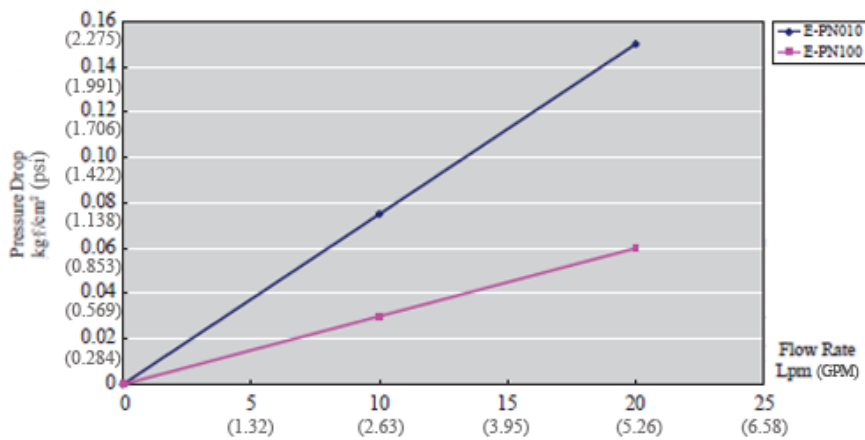
PN 020 = 0.2

PN 045 = 0.45

PN 065 = 0.65

PN 100 = 1

## Type II Initial Pressure Drop



### Micron Ratings

E-PN 010 = 0.1

E-PN 100 = 1

Product Codes						
E-	PN-	010-	E-	0-	1-	B-
Type		Pore Size	O-ring	End Cap	Bag Length	Inner Core
(Blank) = Type 1 E =Type 2		010 = 0.1 020 = 0.2 045 = 0.45 065 = 0.65 100 = 1	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	A=<10''(remark the total length) 1=10'' 2=20'' 3=30'' 4=40''	A=Not Pre-flushed B=Pre-flushed w/DI water

Product Codes
A
Integrity Test
A=Non-integrity test B=Integrity test

**Example:**

**E-PN-010-E-0-1-B-A**