

# PORNYL

## Description

- Hydrophilic Nylon 66 membrane and pp component
- For broad application

## Features

- High flow rate by high symmetric pore structure
- Long fiber polyester support mesh to minimize extract
- Absolute 0.2 and 0.45micron
- Strong chemical compatibility
- 100percent integrity tested
- Sterilization autoclave treatment 120c\*30min.
- Manufactured in a clean room (100 and 10,000 Class)
- ISO9001 & ISO14001



## Applications

- Chemical delivery
- Rinses and solvents
- Etchants
- Photo resists
- Extraction chemicals

## Specifications

### Materials

- Medium : hydrophilic Nylon 66 membrane
- Core, cage and end caps : Polypropylene, High Density Polyethylene
- Support and drainage : Polypropylene
- O-ring options : Viton, Silicon, EPR & Teflon encapsulated type(BSI Registered)

### Structure

- Filter area : 0.88m<sup>2</sup> / 1.18m<sup>2</sup>(10")
- Dimension

Length : 250mm, 500mm,750mm, 1000mm

Inner Diameter : 30mm / Outer Diameter : 62/68mm

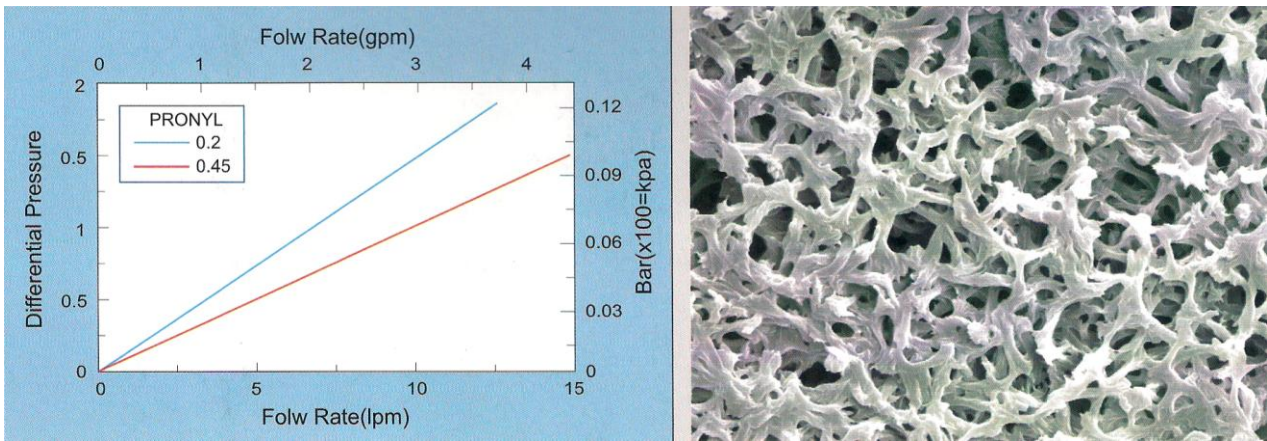
### Operating conditions

- Maximum operating temp. : 80°C(0.7bar)
- Maximum operating pressure : 4.5 bar(25°C)

### DI water Bubble Point

Micron rating	0.2 $\mu$ m	0.45 $\mu$ m
mean(psi)	62.4	43.5

**DI water flow rate for 10inch cartridge**



**Part Number Identification**

①	②	③	④	⑤	⑥	⑦
End Style	Material of Medium	Material of Parts	Material of Seal	Length	Grade	Micron Rating
1:DOE 2:226/FLAT 3:222/FLAT (E:222/FLAT) 7:226/FIN 8:222/FIN	N:Nylon	1:PP(85℃) 2:Reinforced PP(105℃) 3:HDPE(130℃)	S:Silicone E:EPR V:VITON F:FEP Encapsulated	1:250mm 2:500mm 3:750mm 4:1,000mm	G:Standard H: High flux	0.2 0.45