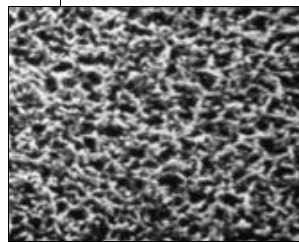
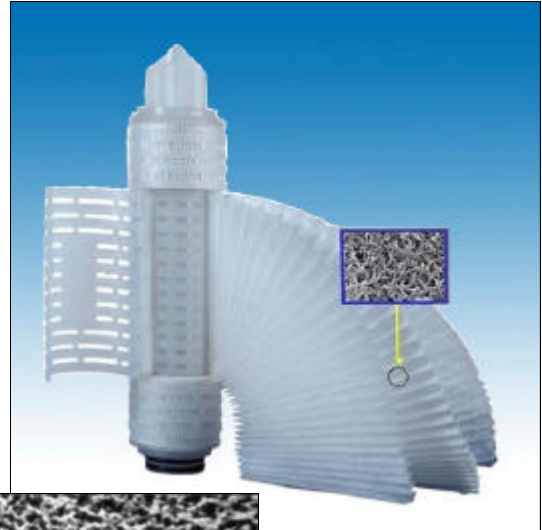


Pleated **NYLON** membrane cartridge **PNY series**

The PNY series cartridges are filter elements manufactured using a hydrophilic (nylon) membrane with a narrow pore size distribution and high porosity.

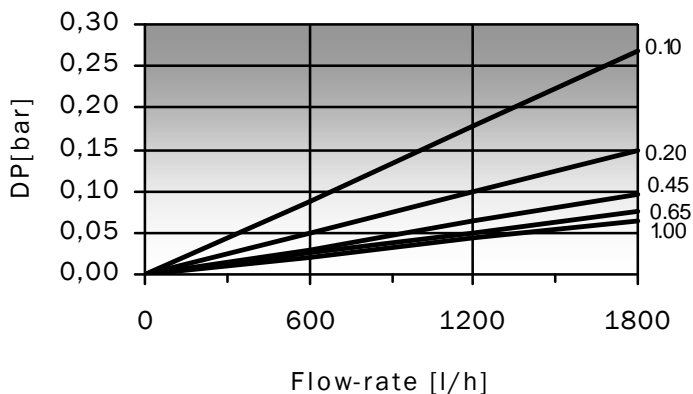
The PNY series cartridges are suitable for the sub-micro filtration of a wide range of process fluids, in applications where the characteristics of a naturally hydrophilic membrane are required.

The hardware and support layers construction using pure polypropylene and the thermo-weld assembling minimize the extractables, giving the filter cartridge its high mechanical strength.



CHARACTERISTICS

- Highly hydrophilic, no pre-wetting required
- High filtering area
- High flow-rate and low ΔP
- Available in five absolute filtration ratings
- All components are thermally bonded
- Pre-flushed with 18 M Ω -cm DI water to offer high purity product
- TOC content lower than 40 ppb
- Good chemical compatibility
- Manufacturing in a clean room
- Integrity tested upon request
- Packed in anti static materials



Flow rate for 10" element.

For liquids other than water multiply **DP** by fluid viscosity in cP.

INTEGRITY TEST

MICRON RATING	Bubble point (60% IPA - 40% H ₂ O)
0.10 mm	> 1.103 bar
0.20 mm	> 0.965 bar
0.45 mm	> 0.551 bar
0.65 mm	> 0.276 bar
1.00 mm	N/A

MAIN APPLICATIONS

Solvents, basic solutions, reagents, coatings, inks, photographic films, electroless Nickel plating, process water, waste treatment, Wine, beer, bottled water, rinsing water, yeast removal, aseptic packaging, ingredients, intermediates, make-up water, final products. Deionized water, rinsing water, solvents, CD DVD and hard disk manufacturing process

