

Capsule Filter

Our capsule filters are available in different sizes with effect filtration surface areas ranging from 150 to 1500 cm². Capsules are available with membranes such as PES, nylon PTFE PVDF and non-woven polypropylene and glass fiber depth media. The capsules are available with a variety of end fittings such as stepped barbs, tri-clamp(sanitary) and NPT connections. Sterile and non-sterile options are also available.

Typical Application

- ◆ 100% integrity tested during manufacturing
- ◆ Nylon membrane capsule is recommended for filtering aqueous solutions
- ◆ Dual layer PES membrane capsules filters provide efficient for critical aqueous solutions
- ◆ Hydrophobic PTFE membrane capsule filters are designed for use with organic solvents and chemically aggressive solutions

FOR LAB WATER PURIFICATION

Point-of-use Capsule Filter

Micro Separations capsule filter is specially is used for the ultrapure laboratory water. These capsule filter with PES membrane and positively charged Nylon66.



Features

- ◆ Low hold up volumes and extractable
- ◆ Materials are in compliance with FDA-
- ◆ Manufactured in class 10,000 clean room which is ISO certified

Specifications

- ◆ Filter media available – PES/Nylon
- ◆ Housing core and support Material- Polypropylene
- ◆ Sealing technology - Thermal bonding
- ◆ Filling Bell - Polycarbonate
- ◆ Pore size Available – 0.1/0.2 µm
- ◆ Normal Dimensions – housing length(without filling bell)93/122mm(without vent) 45 mm
- ◆ Inlet – 1/4" NPT
- ◆ Outlet – ¼ to 3/8" Stepped Hose Barb with filling bell
- ◆ Max operating temp- 60oC @ 2.1 bar
- ◆ Max operating press- 4.1 bar@ambient temp
- ◆ Endotoxin levels - <0.25 EU/ml using Limulus Amoebocyte Lysate LAL test
- ◆ Biological safety – Material pass USP class VI
- ◆ Sterilization – pre sterilized available, non-sterile can be autoclave at 121oC for 30min
- ◆ Package – individual poly-bag wrapped , 1 pc per pack.