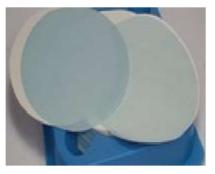


4.2 Nylon

NYLON filter membranes are hydrophilic and have a high compatibility with alkaline solutions and organic solvents. They are made on a support reinforced polyester spun bond that gives a great mechanical strength. They are primarily used for filtration of samples for HPLC and sterilization of biological solutions for detecting Legionella in water analysis. Their uniform porosity and high thermal resistance characterize such membranes. There



low levels of extractable ensure an excellent filtering quality in the various applications that may require.

Features

- * Smooth Surface, Hydrophilic Uniform porosity, high flow rate Low Extractable
- * Sterile Filtration. High Reliability Operating temperature maximum 135°C

Application

- * Water analysis laboratories Biosensors, Particle retention, Pre-filtration HPLC
- * Filtration of organic solvents

Specifications

| Construction Material | Filter Media | Nylon |
|-----------------------|----------------|--|
| | Thickness | 120 um |
| Technical Data | Micron Rating | 0.2, 0.45, 0.65, 0.8um |
| | Bubble point | 2.9 bars |
| | Burst Pressure | 0.8 bars |
| | Flow rate | 24ml/min/cm ² /bar (Water) |
| | Size | 13, 25, 33, 50 mm |
| | Sterilization | By autoclaving at 121 °C or 134 °C Gamma radiation 25 kGy |
| | | |