

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 Thickness	Nylon 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