

# PRODUCT OVERVIEW

## Membrane Filters



Amazon Filters offers pleated membrane filters with either hydrophilic polyethersulphone (PES), hydrophilic Nylon 66 or hydrophobic PTFE media. **SupaPore VP PES** filters (0.03 – 1 µm rated) and **SupaPore NP** Nylon 66 (0.1 – 0.65 µm rated) are typically used for aqueous solutions. **SupaPore TP** PTFE filters (0.1 – 3 µm rated) are used for air, gas and solvent applications. All products are supported by comprehensive technical documentation in the form of Product Validation Guides.

### SupaPore VP

Utilises a high surface area advanced PES (polyethersulphone) membrane media. The naturally hydrophilic media allows high flow rates and low binding of active ingredients. This filter is designed for critical applications such as the removal of micro-organisms and ultra-fine particulates. In addition to the Pharmaceutical grade, products in the range include **SupaPore VPW** and **SupaPore VPWS** filters which are specifically designed for microbiological stabilisation of beverage products.

### SupaPore NP

Uses a pleated high surface area, naturally hydrophilic, Nylon 66 membrane that has been designed for use in a wide range of liquid processing applications. The filters contain no wetting agents and have very low levels of extractables, meaning they are ideal for systems requiring reliable and consistent high-quality filtrate.

### SupaPore MP

Features a high surface area polypropylene membrane that provides excellent chemical compatibility. With ratings of either 0.1 µm or 0.2 µm, it is suitable for fine filtration of liquids, or for particulate control in venting applications. It is an ideal cartridge for Active Pharmaceutical Ingredient and Fine Chemicals applications.

### SupaPore TP

Features a PTFE membrane to make our best hydrophobic cartridge. **SupaPore TP** filters are ideal as sterilising tank vents and for filtering critical air and gases. They can also be used for liquid processes where the PTFE media rated at 0.1–3 µm offers excellent chemical compatibility.

Amazon's **SupaPore VP, NP** and **TP** cartridges are available in the full range of standard industry connection options, as well as in Junior configurations and capsule form.

### SupaPore TT

Are constructed using fluoropolymer hardware and a PTFE membrane. Being inert they offer the very best in chemical compatibility and resistance to high temperatures. They can be used in a wide range of applications including filtration of aggressive solvents and chemicals in the Pharmaceutical and Electronics industries.



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