

# PRODUCT OVERVIEW

## Pleated Depth Filters



Amazon Filters offers a wide range of pleated depth filters.

They are all constructed with high surface area filter media, pleated to fit into a relatively small assembly. This results in a filter that offers high flow rates, low pressure losses and long life. They are available in a wide range of materials - polypropylene, ECTFE Halar, nylon monofilament and glass fibre media - so are compatible with most process fluids. They feature removal ratings from 0.2µm to 400µm.

### SupaPore PP Filters

All polypropylene **SupaPore PPG** filters are designed to be prefilters to membrane filters and also are used as final polishing filters. They are suitable for many liquid processing applications and can also be used for particulate control in air and gases. They are available in a range of absolute removal ratings and offer excellent chemical compatibility.

### SupaPore FP Filters

Are designed as effective prefilters to membrane filters, as bioburden reduction filters and for final polishing applications. They are suitable for many liquid processing applications and can also be used for particulate control in air and gases. Amazon also manufactures **SupaPore FPW** filters that are specially designed for use in beverage processing.

### SupaPore Halar

Is constructed using Halar ECTFE media, which is a fluoropolymer that offers a unique combination of mechanical, thermal and chemical resistance. These filters are specifically designed for excellent compatibility and effective removal of particulates from solvents and solvent-based liquids. They also allow high flow rates, low pressure drops and long life.

### SupaPore Nanofibre

These filters contain pleated filter media that exhibits a very high level of positive charge under a wide range of process conditions. This provides a cartridge that offers both high flow and effective removal of ultrafine contaminants such as endotoxins, bacteria, viruses, colloids, heavy metals and hydrocarbons.

### SupaPore FP HOP

Are 0.02µm rated vent filters, specifically designed for venting applications on tanks and vessels and for the filtration of inlet gas and off-gas in fermentation applications. These cartridges contain hydrophobic borosilicate glass fibre media. This allows high flow rates and low pressure drops.

### SupaPleat II\*<sup>1</sup> and SupaPleat Plus\*<sup>2</sup>

Both feature high surface area, pleated depth media's providing high levels of removal efficiency and low pressure losses. Cartridges can be supplied with either polypropylene, glass fibre or nylon media and with a selection of connection options, so are suitable for a wide range of applications.

\*<sup>1</sup> Soft Cage option

\*<sup>2</sup> Hard Cage option

Amazon also supplies polypropylene media **SupaPleat B-Blue** cartridges.

Amazon's **SupaPore** and **SupaPleat** cartridges are available in the full range of industry standard connection options. The **SupaPore** filters are also available in Junior configurations and in capsule form.

### SupaPleat FFC and SupaPleat HFC

These filters are large diameter, high surface area cartridges offering maximum efficiency and exceptionally high flow capabilities. They are available with polypropylene and glass fibre media and removal ratings of 0.5 – 50 µm. They are also available in 'Crypto' grade for the removal of cryptosporidium oocysts.



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