

SUPAPLEAT FFC

AMAZON

LARGE DIAMETER HIGH FLOW FILTERS

SUPAPLEAT FFC filters are high surface area cartridges offering maximum efficiency and exceptionally high flow capabilities. Developed to suit large scale processes where high performance is required, the filters incorporate advanced pleated depth media providing low pressure loss and high dirt capacity. This makes SUPAPLEAT FFC cartridges the ideal choice for a wide range of applications. These large diameter cartridges are manufactured from pleated polypropylene depth media, and polypropylene end caps and internal support core. Thermal welding processes seal all components, eliminating adhesives and extractables and optimising cartridge integrity. In-house developments have optimised the pleat pack ensuring rigidity is maintained at all flow rates.

Product features

- High surface area meltblown polypropylene media operating in 'out to in' mode
- Available with different connectors to allow retrofitting of existing high flow systems
- Special CRY Cryptosporidium grade designed for Food and Beverage applications
- All cartridges are thermally bonded and adhesive free
- Meets requirements on materials used for articles intended to come into contact with food as described in CFR Title 21, as well as the appropriate European guidelines
- Manufactured under strict control with batch number identification, giving full traceability on all components

Filter Housings

Amazon Filters manufactures a range of housings for SUPAPLEAT FFC cartridges including the 27 SERIES GRP Glass Reinforced Plastic housings with super duplex end fittings. This housing is particularly suited to brackish or seawater applications. Please consult our Sales Office for further details on this range.



SUPAPLEAT FFC FEATURES AND BENEFITS

- High flow rates and long life to minimise filtration costs
- Up to 60" length filters allow quick cartridge replacement
- Absolute removal ratings for consistent and reliable performance
- Available in numerous removal ratings (0.5 - 50µm) so suitable for a wide range of applications
- Cryptosporidium removal grade (CRY) with typical 10⁴ log reduction value
- Full product validation guide available
- Manufactured under strict control with batch number identification, giving full traceability on all components.

SUPAPLEAT FFC

TECHNICAL DATA

Dimensions

Outside Diameter: 160mm
 Typical Surface Area: 6.5 - 10.7 m² per 40" filter
 Length: See ordering guide

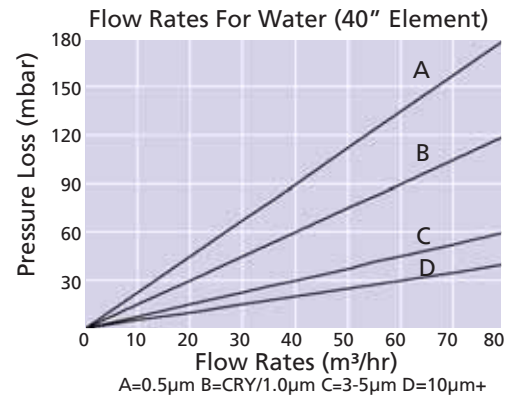
Maximum Operating Conditions

Temperature: 80°C
 Recommended Maximum Differential Pressure:
 Forward Flow: 4.0 Bar @ 20°C

Materials of Construction

Filter Media: Polypropylene
 Cage, Core & End Caps: Polypropylene

Product validation guide available on request. All SUPAPLEAT FFC cartridges are manufactured under strict control with batch number identification, giving full traceability on all components.



INDUSTRIES AND APPLICATIONS

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| Food and Beverage | • | Bottled water, Beers, Wines, Polishing lines, General clarification |
| Pharmaceutical | • | Solvent discharge, Raw water supplies, batch transfers |
| Fine Chemicals | • | Polymers, Acids, Bases, Solvents |
| Water Treatment | • | Pre reverse osmosis, UV protection, Resin and carbon trap |
| Automotive | • | Wash solutions, Cooling fluid, Blanking wash oils, Electrophoretic paints |
| Oil & Gas | • | Water injection systems, Amine streams, Glycols |
| Power Generation | • | Water treatment (boiler feed sweetening), return condensate lines |

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