

SUPAPLEAT B-BLUE

AMAZON

LARGE DIAMETER HIGH FLOW PROCESS FILTERS



SUPAPLEAT B-BLUE filters are large diameter, high surface area pleated cartridges offering maximum efficiency and exceptionally high flow capabilities. They have been developed to suit larger scale processes where high performance is required. The filters incorporate advanced pleated depth media providing low pressure loss and high dirt capacity. **SUPAPLEAT B-BLUE** filters are Absolute rated to ensure reliable and consistent performance over a wide range of process conditions. This makes these cartridges the ideal choice for a wide range of applications. **SUPAPLEAT B-BLUE** cartridges are manufactured from pleated polypropylene depth media, 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.

SUPAPLEAT B-BLUE cartridges feature:-

- High surface area melt blown polypropylene media
- Wide chemical compatibility
- 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.

Absolute Rated Filter Media

- Available in Absolute ratings from 0.5 to 50µm
- Consistent and reliable performance under a wide range of process conditions

Filter Housings

Amazon Filters supplies both stainless steel and plastic housings for **SUPAPLEAT B-BLUE** filters. Please consult our Sales Office for further details on these ranges.



SUPAPLEAT B-BLUE FEATURES AND BENEFITS

- High flow rates and long life help to minimise filtration costs
- High capacity filters means less filters to change-out
- Absolute removal ratings for consistent and reliable performance
- Wide chemical compatibility
- 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 B-BLUE

TECHNICAL DATA

Dimensions

| | | |
|------------------------------------|--------------------|-------------------|
| Outside Diameter: | 117mm | |
| Typical Surface Area: (Per 10") | 0.5µm: | 1.8m ² |
| | CRY/1/5/10µm: | 1.6m ² |
| | 20µm: | 1.2m ² |
| | 50µm: | 1.6m ² |
| Length: | See ordering guide | |

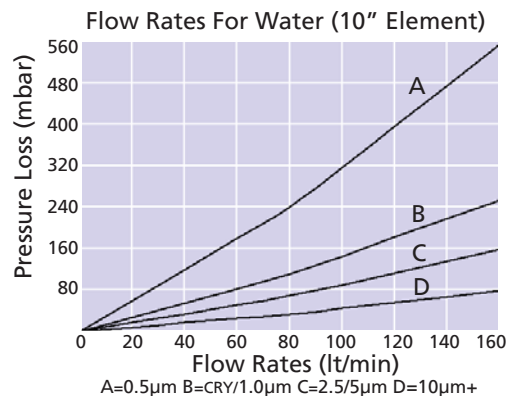
Maximum Operating Conditions

| | |
|--|----------------|
| 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 B-BLUE** cartridges are manufactured under strict control with batch number identification, giving full traceability on all components.



INDUSTRIES AND APPLICATIONS

- Food and Beverage**
- Pharmaceutical**
- Fine Chemicals**
- Water Treatment**
- Automotive**
- Oil & Gas**
- Power Generation**

- Bottled water, Beers, Wines, Polishing lines, General clarification
- Solvent discharge, Raw water supplies, batch transfers
- Polymers, Acids, Bases, Solvents
- Pre reverse osmosis, UV protection, Resin and carbon trap
- Wash solutions, Cooling fluid, Blanking wash oils, Electrophoretic paints
- Water injection systems, Amine streams, Glycols
- Water treatment (boiler feed sweetening), return condensate lines

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