

Borso-PES

Polyethersulfone Membrane Filter Cartridges

Borso-PES Microfiltration cartridges use a pleated high surface area Polyethersulphone membrane which has been designed for use in a wide range of liquid processing applications. The naturally hydrophilic PES membrane contains no wetting agents and has very low levels of extractables making this cartridge an ideal choice for systems requiring a reliable and consistent high quality filtrate.

Borso-PES cartridges feature:

- A naturally hydrophilic PES membrane
- Low protein binding characteristics
- Exceptionally high flow rates with low clean pressure losses
- Bacterial retention data with LRV's using *Brevundimonas Diminuta* and *Serratia Marcensens*
- Wide chemical compatibility

All cartridges are thermally bonded and adhesive free. Each unit is preflushed with ultra pure water and integrity tested before final assembly (if specified).

- Can be steam sterilised
- Sanitisable
- Fast rinse up time to 18 Megohm-cm
- Non Pyrogenic
- Meets current USP Class VI plastics test
- Meets CFR Title 21 for food contact
- Meets current USP requirements for total extractables

Available in a range of grades & absolute rated pore sizes.

- General Grade
- Electronics Grade
- Wine Grade
- Biological Grade
- 0.03µm
- 0.10µm
- 0.20µm
- 0.45µm
- 0.65µm
- 0.80µm
- 1.00µm



Borso-Pes Features & Benefits

- Validated removal ratings for consistent and reliable performance
- Fully Integrity Testable - Bubble Point and Diffusional Flow values provided for all pore sizes
- Pleated PES membrane which exhibits exceptionally low protein binding characteristics
- High surface area giving high flow rates and low initial pressure losses
- Wide chemical compatibility, meets FDA approval
- Range of integrity testable ratings from 0.03 to 1.0µm (depending on grade)
- Thermal bonding process eliminates adhesives and ensures minimal extractables
- Identification marked on every cartridge
- Full product guide available (except general grade)