

BorsoTef

Superior PTFE Membrane Filters

BorsoTef is a range of superior pleated PTFE membrane filters with PFA supports. These cartridge filters are suitable for use within a number of microelectronics, process and chemical applications.

This chemically inert filter range offers the removal of fine particulate from 0.05-10 micron in challenging operating conditions.

Applications

- **Semiconductor**
Chemical delivery system filtration of strong acid and base solution at room temperature for semiconductor manufacturing.
- **Aggressive chemicals**
Chemical delivery system filtration of strong acid base solution.
- **Photovoltaic**
Aggressive chemical processes in the photovoltaic and data storage industries.
- **High Purity Chemicals**

Features and Benefits



- **Excellent flow characteristics**
Optimised up to 95% porosity, uniform pore size distribution and filtration area with low pressure drop, high flow rate and long service life.
- **Full traceability**
All BorsoTef cartridges are identified with a batch serial number and supplied with a Certificate of Quality.
- **Controlled manufacturing environment**
BorsoTef cartridges are manufactured in an ISO cleanroom environment by fully gowned staff, minimising the risk of contamination.
- **Fast rinse up time**
All filters have been flushed with ultrapure DI water (18.2 Megaohm-cm, TOC less than 10ppb).
- **Low binding and fouling**
BorsoTef filters are manufactured using surface modification agents to ensure minimal extractables and ensure purity performance is not compromised.



