

# Borso-Pleat HF

## High Flow Pleated Filter Cartridges

**Borso-PLEAT** High-Flow high surface area cartridges utilise pleated depth media offering maximum efficiency and exceptionally high flow capabilities. Developed to suit industrial processes where high performance is required, the low pressure loss and high dirt capacity makes it the ideal choice for fine polishing applications. In-house developments have optimised the pleat pack ensuring rigidity is maintained at all flow rates.

**Borso-PLEAT** High Flow cartridges feature:

- Melt blown Polypropylene media,
- Glass microfibre media,
- Whole range of other materials (nylon, etc),
- Wide chemical compatibility,
- Materials meet FDA requirements,
- Flow ranges up to 100 m<sup>3</sup>/h per element,
- Extremely high dirt holding capacity,
- Absolute rated filter media (beta 5000),
- Available from 1 to 90µm,
- Consistent reliable performance.

**Borso-PLEAT** High Flow filter cartridges are produced using an improved manufacturing process resulting in the following features:

- One piece support core up to 1538mm (60")
- High surface area, resulting in low clean  $\Delta p$  and excellent dirt holding capacity
- Internal support core for resistance to back pressure
- Minimum investment costs
- Long filter life

Van Borselen Filters manufacture a comprehensive range of filter housings for the Borso-PLEAT High Flow cartridges. Available in many materials and sizes to suit all flow rates, please consult our sales office for further details on our full range.



## Borso-Pleat High Flow Features & Benefits

Absolute removal ratings for consistent and reliable performance

- Wide chemical compatibility using materials that meet FDA requirements
- Pleat geometry specifically designed for in-to-out flow direction
- Batch traceability
- Low maintenance - fewer number of cartridges
- Special pre-RO cartridges available. These elements have especially designed filtermedia which gives more depth capacity towards typical contaminants as iron hydroxides, manganese, biological material etc. This leads to prolonged filter life and optimum protection of RO-membranes