

PB DURAFLO **FEATURES AND BENEFITS**

Pleated filters have significantly increased surface area, which means longer run times than traditional non-pleated filter bags

- Fewer element change-outs
- Lower disposal costs due to fewer change-outs
- Surface areas from 20 square feet for felts to over 60 square feet for microfiber medias for vessels which take size 2 filter bags

Works with existing vessels which accept size 1 and size 2 filter bags

- No additional capital expenses required to modify existing housing
- Option of running conventional bags for short batches, for specific products, or for severe upsets

Applications:

- Anywhere that conventional bag filter life is too short
- Single-pass, continuous filtration
- Incomplete batches
- Multi-pass filtration
- Chemicals and intermediates
- Hydrocarbons
- Water
- Membrane pre-filtration
- Desalination pre-filtration
- Produced water
- Metal Working
- Pipeline Pigging
- Catalyst recovery
- Adhesives, coatings, and paints
- Acids, Caustics, Aromatics

Variety of medias available:

- Standard medias and proprietary high efficiency, absolute-rated microfiber medias
- Medias optimized for viscosities, pH, dirt loading and flow rates

Note:

- Polypropylene end caps good up to temperature of 140°F
- Carbon Steel and Stainless good up to temperature of 500°F, depending on end cap adhesive. Contact your distributor or a Velcon Process engineer to determine your custom tailored options suitable for your application.
- Measurements of filter basket length and sealing surface required for some filter housings