

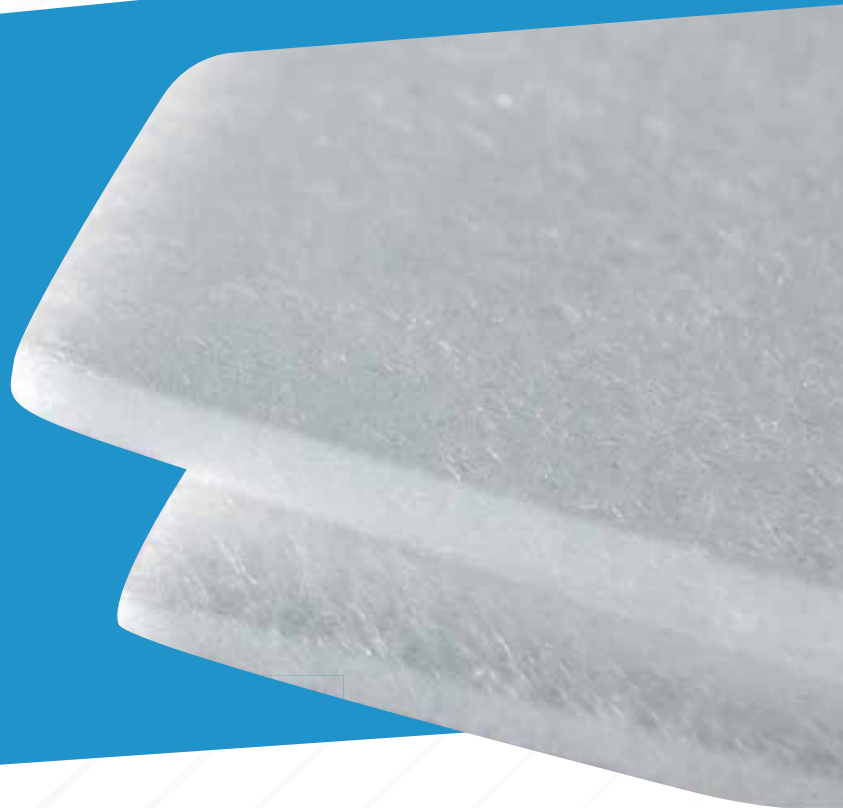
Extended Life Filter Bags

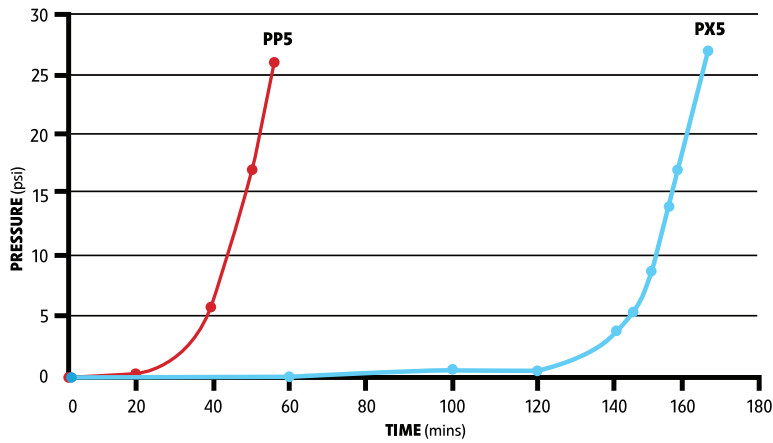
VAN BORSELEN FILTERS



Extended Life filter bags are available in polypropylene or polyester in micron ratings from 0.5-100, and can have a lifetime of up to 5 times that of the equivalent standard filter bag.

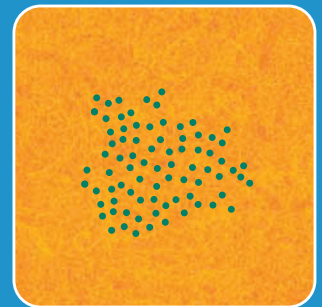
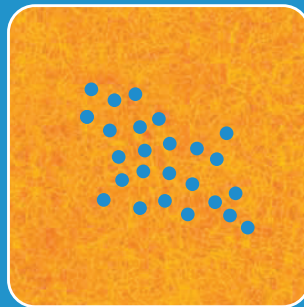
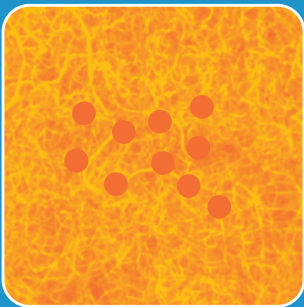
Increased thickness of the filter media compared to that of the equivalent standard filter bag enables an increased retention of particles. In addition, the extended life filter media has a graded density structure i.e. Progressively smaller particles are captured as the fluid follows a tortuous path through the media, stopping the filter bag from blinding prematurely. The result is a filter media with a higher dirt holding capacity, leading to increased filter bag lifetime.





Example performance graph of extended life versus standard needlefelt media (actual lifetimes are not indicative of any specific application and are for comparative use only).

Progressively smaller particles are captured as the fluid follows a tortuous path through the graded density media



Within the extended life series, Van Borselen is uniquely able to offer a **0.5 micron polyester** filter bag. The filter media has a special construction using a blend of micro denier and fine denier fibres, giving the finest filtration results of any needlefelt product available on the market.

As standard, the extended life filter bag is **fully welded**, maximising filtration efficiency by eliminating fluid bypass through needleholes or around a snap ring. The external surface has a special highly glazed finish, eliminating fibre migration into the filtrate.

Other benefits include:

- More efficient filtration process
- Minimisation of equipment downtime
- Minimisation of engineer exposure to process liquids
- Fewer bags to change and dispose of compared with standard felt filter bags – more environmentally friendly
- Excellent at removing deformable particles such as gels
- Conforms to EC food contact directives

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Van Borselen Filters

Tel: +31 (0)79-3412314

Fax: 079-3412892

PO Box: 3 - 2700 AA Zoetermeer

E-mail: info@vanborselen.nl

KVK nr.: Register Haaglanden 27103715

BTW/VAT-Nr.: NL005625452B01

Argonstraat 66, Zoetermeer, 2718 SN.

www.vanborselen.nl