

BorsoKlean- Grooved

VAN BORSELEN FILTERS



Grooved Resin Bonded Nominal Rated Filter Cartridges

Van Borselen Filters Resin Bonded Cartridge filters feature an advanced manufacturing process that produces an extremely rigid graded density structure that allows the filter to withstand extreme viscosities and temperature without deformation or collapse.

In addition, a true graded density structure allows complete utilization of the filter depth, with larger particles captured in the outer zone and finer particles captured in the inner qualifying zone.

The grooved construction helps to increase the effective surface area of the filter thereby reducing the clean differential pressure and increasing the dirt holding capacity of the filter.

The RIGID structure ensures consistent reproducible performance free from bye-pass and unloading.



FEATURES AND BENEFITS

- Grooved outer surface increases surface area for extended Service Life.
- Rigid structure designed to handle high differential pressure and can be used for high viscosity applications.
- High Voids volume ensures greater dirt holding capacity resulting in longer service life.
- Available in a wide range of removal ratings from 0.2 to 150 microns.
- Two different Types of Fibers & Resins (Polyester /Phenolic & Cellulose Melamine) for use in Industrial & Pharma/ F & B applications.
- No metal or plastic cores for easier disposal.
- Broad chemical compatibility.

DIMENSIONS & OPERATING CONDITIONS

Nominal Lengths	: 9.75, 10", 19.5" 20", 29.25" 30", 39" & 40"
End connections	: DOE/ SOE
Maximum operating temp	: 121°C
Max. change out differential pressure	: 50 PSID
Recommended Change out differential Pressure	: 35 PSID





Specifications

APPLICATIONS

Polyester Phenolic

- Transformer / Dielectric Oils
- Machine Coolants & Cutting
- Oils Hydraulic Oils & Lube Oils
- Paints & Resins
- Inks
- Adhesives
- Lacquers & Varnishes
- Fuel Oils
- Crude Oils
- Grease
- Plasticizers

Cellulose Melamine

- DI Water / water
- Based solutions
- IV Fluids
- API Solvents
- Pharmaceutical pre filtration

FLOW RATE RECOMMENDATION

BorsoKlean-Grooved Resin Bonded filters exhibit excellent flow rates vs. differential pressure.

For lower cost of filtration, and filter performance following flow rates are recommended for aqueous flow per 10" Long cartridge.

Micron rating	Recommended flow rates in GPM
0.2	1
1	2
2	2
3	3
5	3
10	4
25	5
50	5
100	6
150	6

Formulation	Fiber	Resin	Visual Appearance	Micron rating	Applications
PE	Polyester	Phenolic	Brown	1 to 150 Micron	Industrial
CE	Cellulose	Melamine	White (CFR 21 Listed)	0.2 to 50 Microns	Pharma / F & B / Industrial

*0.5 μ Filters are available in Glass Fiber + Phenolic Resin Formulation

CONTACT DETAILS

For more information of the **BorsoKlean-Grooved** Resin Bonded Filter Cartridges, please contact one of our specialists on the following details:

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Van Borselen Filters BV reserve the right to change specification without prior notice, as part of their continuous product development programme.