



Resin Bonded Filter Cartridges



Overview

- Resin Bonded filter cartridges have a unique, Proprietary two-stage filtration design to maximize particle retention and service life in viscous fluid filtration applications.
- These Cartridges are manufactured from a fibre matrix of polyester, Acrylic or Cellulose with Phenolic or Melamine resin to create a solid highly durable & Porous structure.
- The resin Impregnation increases filter cartridge strength and eliminates residual debris associated with conventional or machined and grooved resin bonded filter cartridges that ensure a stronger cartridge that is less likely to collapse

Features & Benefits

- Outer, Spiral wrap collects large particles and agglomerates, Increases surface area & Eliminates loose debris and contamination caused by machined products while inner layers control particle removal at rated size
- Phenolic resin impregnation strengthens cartridge for use with high viscosity fluid and Withstands pressure surges up to 150psid across cartridge (depending on fluid temperature)
- The Un-grooved version of the TFI RB series cartridge is preferred for the reduction of gels and other deformable. contaminants

Application

- Paint Filtration
- Printing Ink Filtration
- Adhesive Filtration
- Resin Filtration
- Emulsion Filtration
- Chemical Coating Filtration
- Organic Solvent Filtration
- Plasticizer Filtration
- Wax Filtration
- Oil & Gas Fluid Filtration
- Petroleum Product Filtration

Specification

- Materials of Construction :
 - Melamine resin Bonded Cellulose fiber cartridge(White)
 - Phenolic resin Bonded Acrylic fiber cartridge (Brown)
 - Phenolic resin Bonded Polyester fiber cartridge (Dark Brown)
- Type of Construction : Coreless, One-piece, Rigid resin bonded fibrous matrix
- Max. Recommended ΔP :
 - 90 PSID (6.2bar) @ 150°F (65°C)
 - 50 PSID (3.5bar) @ 180°F (82°C)
 - 25 PSID(1.7bar) @ 250°F (121°C)
- Micron : 2 μ m, 5 μ m, 10 μ m, 25 μ m, 50 μ m, 75 μ m, 125 μ m and 150 μ m
- Size : Outside Diameter: 2-9/16 in (65) & Inside Diameter: 1-1/8 in (28.6)
- Lengths : Nominal, 10, 20, 30 and 40 in.

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