



The DutchFlow serie is designed and engineered for high accuracy final polishing filtration of all type's of fluids. The specially selected polypropylene or borosilicate glass fibre material provides the unique combination of high flow rate, high dirt holding capacity, low pressure drop, increased surface area at absolute rating of beta 5000 (99.98% removal).

The construction is designed and produced to withstand the harsh requirements of the Oilfield Industry. The Polypropylene inner core has additional strength and all components are thermally bounded, allowing operations at higher temperature, pressure and make the cartridge compatible with most fluids and additives in the industry.

FEATURES

- Absolute rating of Beta 5000 (99.98% efficiency) for reliable results in any critical application.
- Provides significantly greater dirt holding than string wound and spun bonded elements.
- Improved method of construction allowing longer operational life, higher process temperature & pressure.
- Increased filtration surface area increasing process volume per cartridge.
- Full Thermal Bonded technology offering chemical compatibility for most fluids, solvents, chemicals.
- Simple installation with various end cap and seal material options to ensure positive capture of contaminants.
- Fixed pore media prevents particle unloading and allows for absolute rating

APPLICATIONS

- Completion fluids
- Produced water
- Work over fluids
- Gravel pack fluids
- Wellbore clean up fluids
- (Bio) diesel
- Surface water intake
- Process water
- Pre filtration RO
- Frac fluids
- Pipeline flushing
- Waste water

Contact

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SPECIFICATIONS PLEATED ABSOLUTE FILTER CARTRIDGE

Design Specifications	
Micron Rating	0,5 - 100 micron
Beta Ratio	5000 (99,98% efficiency)
Filter Media	Glass Fiber or Pleated Polypropylene
Caps and Core Material	Polypropylene
Seal Material	NBR (other on request)
Length	40 inch
Outside Diameter	2.5 inch
Connection	Code 3 (222), DOE, Code 6 (226)
Max. Working Temperature	85°C (185°F)
Max. Differential Pressure	5.5 bar @ 25°C (80 psi @ 77°F)
Max. Recommend Flow	6 m3/hr / 40inch cartridge (26 GPM)
Change Out Differential Pressure	2.5 bar (37 psi)
Construction	Thermally Fused

ORDERING CODE DUTCHFLOW

Media	Micron rating	Length	Connection
DPA = Pleated Absolute Glass Fiber	0.5 = 0.5 micron	10 = 10 inch	3 = Code 3 / Flatcap (222)
DPAP = Pleated Absolute Polypropylene	1	20 = 20 inch	6 = Code 6 / Flatcap (226)
	2	30 = 30 inch	S = Spearend
	5	40 = 40 inch	DOE = Double Open End
	10		
	20		
	50		

Example: DPA10-40-3 is pleated absolute glassfibre 10 micron, 40 inch code 3 flatcap 222

DUTCHFLOW OPTIONS

- Filter media: Polyester, PP, PES, Glass Fiber
- High Flow Elements, Inside to Outside Flow
- End Cap Configurations
- Different Lengths

