

Pombia, 08/01/2014

Technical Description of PF-Cartridges



PF-Cartridges give high performances due to its stringent production process.

The polypropylene fibres used have an increasingly higher density towards the inner core of the cartridge and are thermally bound to reduce the phenomena of fibre release and contaminating substance discharge. These items are 100% thermo-bound polypropylene without adding binding agents or resins. The cartridges are manufactured on a

thermo-welded polypropylene core.

The quality of PF cartridges is certified ISO 9001 and meets all design, production, and quality guarantee issues.

CHARACTERISTICS

- Nominal retention degrees (Beta 5.00)
- A density-gradient structure ensures the highest retention of impurities
- A high porosity degree offers high flow with low start pressure drops
- Wide chemical compliance
- The specific thermo-binding process of fibres ensures a low level of extractable compounds
- The decreasing porosity ensures a long-lasting filter with liquids with a high impurity level

TECHNICAL SPECIFICATIONS

Recommended maximum defferential pressure	
Temperature °c	Maximum differential pressure (bar)
20	4.0
30	3.5
40	2.5
50	1.5
70	0.5
80	0.25

Dimensions	
Lenght	10" (254 mm); 20" (508 mm)
Outsider diameter	64 mm
Core diameter	28 mm

Applications:

Galvano-technique: Galvanic bath, rinse solutions, resins, coatings.

Electronic: High purity water, acids, and electrolytic substances.

Chemical: Polymers, Acids, Bases, Solvents.