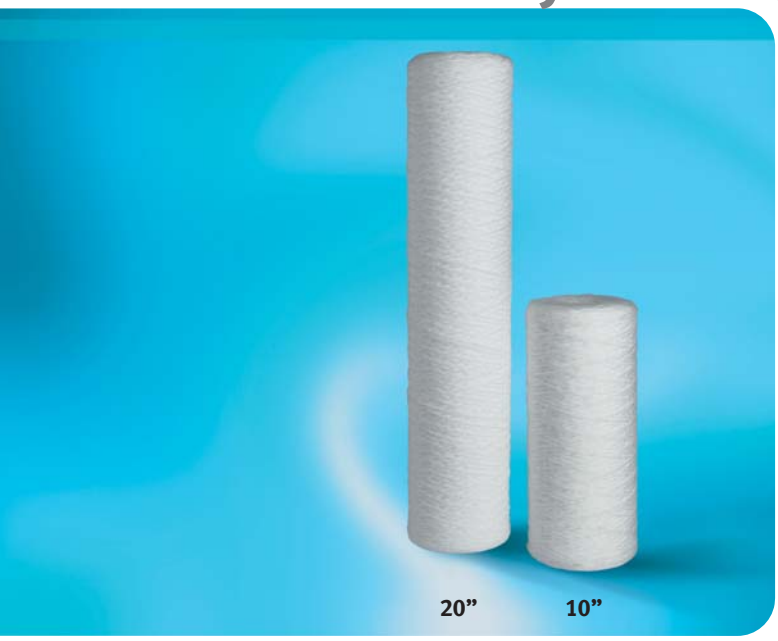
# FA BIG wound polypropylene thread filtering medium - from 1 to 100 micron applicable for housings "B I G" type

## throw-away cartridge




### APPLICATIONS

**Filtration of:** sand, scale, lime, rust, fine particles.
**Domestic use:** filtration of drinking water, protection of taps, boilers, washing machines and other installations.
**Technical use:** pre-filtration for water-pumps, irrigations systems, protection of industrial installations; filtration of water and other liquids in industrial applications: chemical, petrochemical, photographical, electroplating, pharmaceutical.
**Average life-span:** from 3 to 6 months.
**Maintenance:** none.

### WORKING CONDITIONS

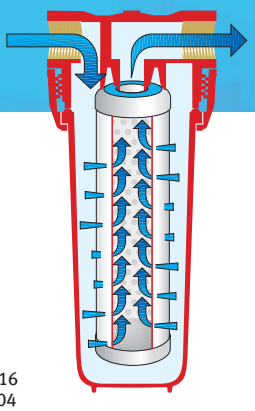
Max working temperature _____ 45°C
with standard polypropylene inner core.

### SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
**Standard filtering medium:** polypropylene thread.
**Standard inner core:** polypropylene.



| suitable housing | cartridge model | cartridge height | mm A | mm B | mm C | recommended flow rate l/h |
|---|---|---|---|---|---|---|
| BIG 10" | FA 10 BIG 1 mcr | 10" | 250 | 118 | 28 | 2000 |
| BIG 10" | FA 10 BIG 5 mcr | 10" | 250 | 118 | 28 | 2000 |
| BIG 10" | FA 10 BIG 10 mcr | 10" | 250 | 118 | 28 | 2000 |
| BIG 10" | FA 10 BIG 25 mcr | 10" | 250 | 118 | 28 | 2000 |
| BIG 10" | FA 10 BIG 50 mcr | 10" | 250 | 118 | 28 | 2000 |
| BIG 10" | FA 10 BIG 100 mcr | 10" | 250 | 118 | 28 | 2000 |
| BIG 20" | FA 20 BIG 1 mcr | 20" | 505 | 118 | 28 | 4000 |
| BIG 20" | FA 20 BIG 5 mcr | 20" | 505 | 118 | 28 | 4000 |
| BIG 20" | FA 20 BIG 10 mcr | 20" | 505 | 118 | 28 | 4000 |
| BIG 20" | FA 20 BIG 25 mcr | 20" | 505 | 118 | 28 | 4000 |
| BIG 20" | FA 20 BIG 50 mcr | 20" | 505 | 118 | 28 | 4000 |
| BIG 20" | FA 20 BIG 100 mcr | 20" | 505 | 118 | 28 | 4000 |




Threads: - Nylon
- Polyester
- Cotton

Inner core for use with temperature higher than 45°C:
- reinforced polypropylene
- stainless steel AISI 316
- stainless steel AISI 304

| Table of chemical-physical compatibility for the available threads | | | | | | |
|---|---|---|---|---|---|---|
| material | temp. °C MAX | mineral acids | organic acids | alkali | oxidants | solvents |
| Polypropylene | 95 | high | very high | very high | high | high |
| Nylon | 135 | low | low | high | low | very high |
| Polyester | 140 | high | high | high | high | very high |
| Cotton | 120 | low | high | high | low | very high |

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