

PP-FC

Nominal rated spun bonded filter cartridge

Product description:

The **PP-FC** is the latest development in nominal rated spun bonded filter cartridge design. Produced with an integral support core for strength and high void volume, these elements excel against similarly rated cartridges in terms of life and cost effectiveness. The superior structure remains integral even under severe operating conditions and is less prone to the media migration and breakthrough often found on other unsupported spun bonded products.

Polypropylene fibres are blown continuously onto a central moulded support core, without the need for binders, resins or lubricants. This results in a one piece construction that is resistant to unloading and media shedding. True depth filtration results from the closely controlled fibre production in manufacturing, and also the process environment which ensures a consistent and reliable high quality element.



The PP-FC – nominal rated spun bonded filter cartridge

Features:

- Consistent and reliable performance.
- Available from 1 to 150 µm.
- Wide chemical compatibility, using 100% pure polypropylene.
- Materials meet FDA requirements throughout.
- Graded density structure for maximum dirt holding capacity.
- High void volume, resulting in low differential pressure and excellent dirt holding capacity.
- High strength all polypropylene moulded support core.
- One piece construction up to 1016 mm (40").
- End cap welded direct to the core for extra security and strength.
- Thermal bonding process stops media migration.
- No resins, binders or anti static agents to ensure minimal extractables.
- WRAS listed for drinking water applications.
- Silicone free for electrophoretic paint applications.
- Approved for use in public water supplies under Reg 31 of the Water Supply (Water Quality) Regulations 2000.

PP-FC

Cartridge Length*:

Nominal 10" (254 mm)
 Nominal 20" (508 mm)
 Nominal 30" (762 mm)
 Nominal 40" (1016 mm)

* other sizes on request

Max. Differential Pressure:

4 bar @ 20°C

Max. Temperature:

PP 80°C

Materials:

Filter medium:	Polypropylene
Core material:	Polypropylene
Seal materials:	Silicone*

* EPDM on request

Cartridge End Cap Type:

Double Open End
 Code 7 - BS 226, Double bayonet, with spear

Micron Ratings::

1 µm, 5 µm, 10 µm, 20 µm, 30 µm, 50 µm,
 75 µm, 100 µm, 150 µm

Outside Diameter:

64 mm

Core Inside Diameter:

28 mm

Recommended Filter Change dP:

1.5 bar

