



FilterBig

Housings for filter cartridges

Model: FilterBig FBG

FilterBig housing and filtration cartridges

The market is now saturated with *standard*, poor quality filter cartridges of dubious origin, produced by companies with limited expertise and marketed to resellers, water treatment plant manufacturers and end-users at very low prices.

In particular, filter cartridges are marketed to retailers, installers, and end users at lower prices, which consistently take customers away from water treatment plant manufacturers by preventing them from getting a fair economic return from selling filter cartridges on their systems.

Everblue has been studying, designing and manufacturing housings filter cartridge and related filter elements in Italy since 2001 using top-quality European materials. High quality standards respected and guaranteed at all stages ensure innovative and reliable products.



FilterBig housings and filter cartridges represent, technically and economically, the best solution available on the market for the construction of medium flow filtration systems as pretreatment of reverse osmosis plants.

Their uniqueness represents a natural trade protection from the attacks of standard products and their undisputable quality always ensures better performance than any other alternative.



the best technical solution
and economic for system
of medium flow filtration

FilterBig housings

FilterBig housings are produced in two different heights:



FilterBig 1x9"3/4
Contains 1 cartridge 9"3/4
Flow rate up to 4,5 m³/h



FilterBig 1x20"
Contains 1 cartridge of 20"
Flow rate up to 9 m³/h

FilterBig housings guarantee:



Minimum space required for installation

Most economical system on the market for medium range



High pressure resistance

Possibility to operate up to 8 bar



Absolute corrosion resistance

Durability guarantee in seawater filtration

Why choose FilterBig?

Uniqueness

FilterBig housings are **unique** products because:

- They are made to be fitted 3 types of cartridges (depth, pleated and washable).
- They are produced in 2 different lengths that are easily assembled into batteries.
- FilterBig** housings are also **available** in AISI 316L steel to meet any requirement.



Simplicity

I contenitori e le cartucce **FilterBig** sono assolutamente **semplici** da utilizzare:

- A single operator opens and closes the **FilterBig** container manually in a few minutes.
- The **FilterBig** filter cartridges are quickly inserted and removed.



FilterBig filtration cartridges

FilterBig filtration cartridges are made in three different version to meet all filtration requirements:

Depth filtration cartridges

N95BHF

Polypropylene Melt Blown



High filter volume

High loading capacity of particles with heterogeneous size

Pleated filtration cartridges

PP95BHF

Polypropylene Pleated



High filter surface

High loading capacity of particles with homogeneous size

Washable filtration cartridges

TPL95BHF

Pleated Polyester Net
TekBlue



500 CLEANING
GUARANTEED



Washable

High particle loading capacity with possibility of reuse



FilterBig filtration cartridges guarantee:



Long life

The high filtering surface/volume allows a significant dirt holding capacity that is equivalent to a long service life and a consequent reduction in operating costs



High flow

The large surface/volume allows high flow rates to be treated using filter housings and batteries having small footprints



High efficiency

The high particle removal efficiency of the filter septa enables the production of quality water for all usage needs

FilterBig N95BHF depth filtration cartridges

Depth filtration cartridges

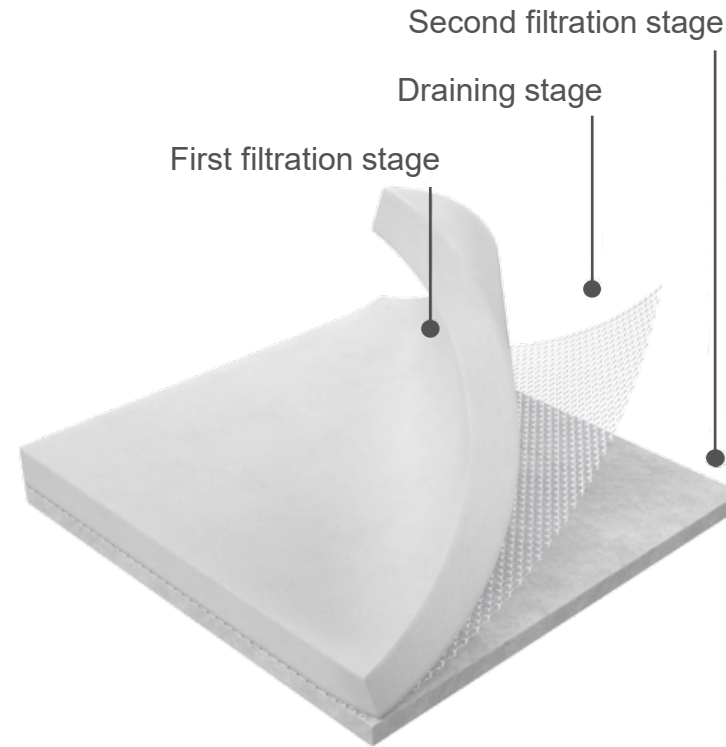
N95BHF
Polypropylene Melt Blown



double gradient

High filter volume

High loading capacity of particles with heterogeneous size



The **FilterBig N95BHF** cartridges are made of extruded polypropylene with internal support.

The **FilterBig N95BHF** cartridges guarantee very high load capacity thanks to the **double gradient** double filtering layer.

The first layer accumulates the coarsest particles while the second layer performs the final finishing by retaining the smaller particles.

These cartridges are ideal for treating non-refined water with high presence of suspended solids (up to a maximum of 1 ppm TSS) with heterogeneous particle distribution.

FilterBig N95BHF cartridges are produced in the following filtration grades: 1-10 μ , 5-20 μ , 20-50 μ , 50-90 μ with 95% removal efficiency (99.98% absolute on request).

FilterBig PP95BHF pleated filtration cartridges

Pleated filtration cartridges

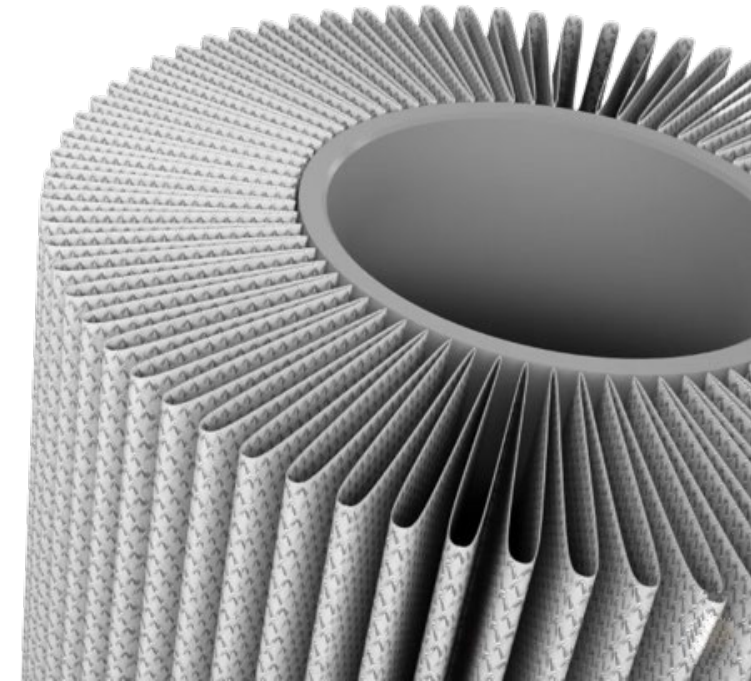
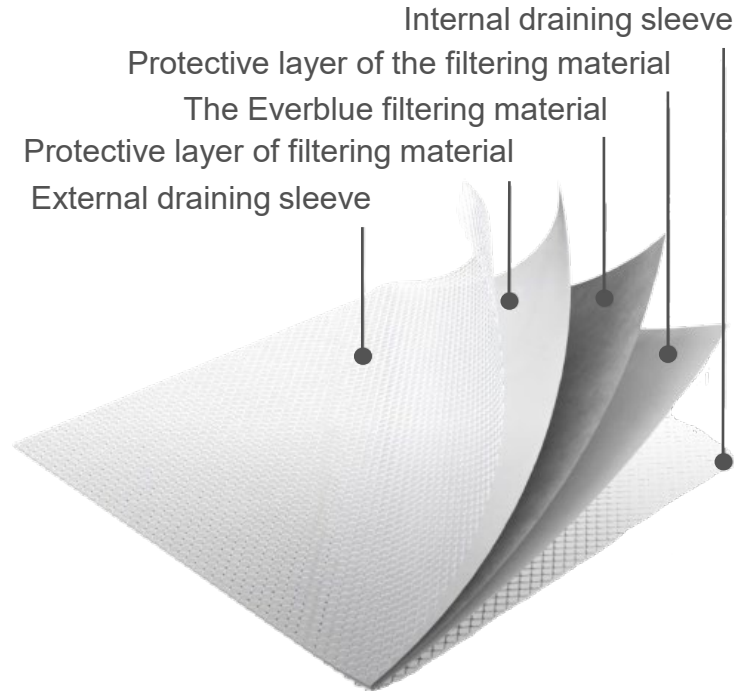
PP95BHF
Polypropylene Pleated



5 LAYERS

High filter surface

High loading capacity of particles with homogeneous size



FilterBig PP95BHF cartridges consist of: 3-layer polypropylene filtering septum supported by an external PP drainage net and an internal PP drainage net (**5 Layers** filtering system); internal support and moulded rigid polypropylene terminals. The external drainage net of the **5 Layers** filter system prevents the crease from closing due to the increase in pressure due to the dirty filter material, always ensuring the constant outflow of filtered water towards the internal support of the cartridge.

FilterBig PP95BHF cartridges, thanks to the special filter system **5 Layers**, guarantee a longer life compared to the normal filter cartridges on the market having the same surface. These cartridges are ideal for the final finishing of water containing homogeneous particle sizes (up to a maximum of 1 ppm TSS).

FilterBig PP95BHF cartridges are produced in the following filtration grades: 1, 5, 10, 20, 50 μ with 95% removal efficiency (99.98% absolute on request).



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FilterBig TPL95BHF washable filtration cartridges

Washable filtration cartridges

TPL95BHF
Pleated Polyester Net
TekBlue



500 CLEANING GUARANTEED

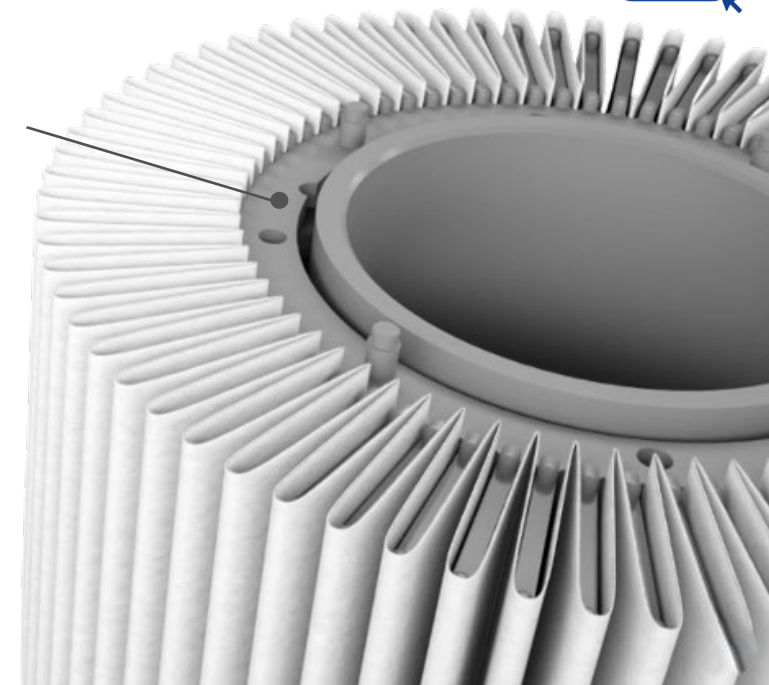


Washable

High particle loading capacity with possibility of reuse




Rigid polypropylene structure
filstar inside
PATENTED



The **FilterBig TPL95BHF** cartridges consist of: moulded rigid internal support, moulded rigid polypropylene terminals and **TekBlue** pleated polyester mesh filtering panel coupled to a PP drainage net. The two nets are always kept perfectly open and in place by a special rigid polypropylene structure: the system **filstar** inside

The system **filstar** inside prevents the closing of the fold due to the increase in pressure as a result of the dirty filter material, always ensuring the constant outflow of filtered water to the inside of the cartridge. Also the rigidity of the folds guaranteed by system **filstar** inside allows easy and effective washability even with low pressure water jets (suggested pressure 2 bar – max 3 bar).

FilterBig TPL95BHF cartridges, with patented system **filstar** inside and **TekBlue** filter net, **are guaranteed to be washed at least 500 times**, thus allowing a very high cost savings.

These cartridges are ideal for the filtration of water that has a high presence of suspended solids (up to a maximum of 1 ppm TSS) with a heterogeneous distribution of particles.

FilterBig TPL95BHF cartridges are produced in the following filtration grades: 20, 50 µ with 95% removal efficiency.

More Info



Data Sheet
FilterBig



Video
FilterBig



Case History
FilterBig

Company authorized to the use of the brand



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