



# RifBlue PVC

**Housings for filter cartridges**

**Model: RifBlue**

# RifBlue 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.

**RifBlue** housings and filter cartridges represent, technically and economically, the best solution available on the market for the construction of modular filtration systems suitable to meet medium-small flow rates.

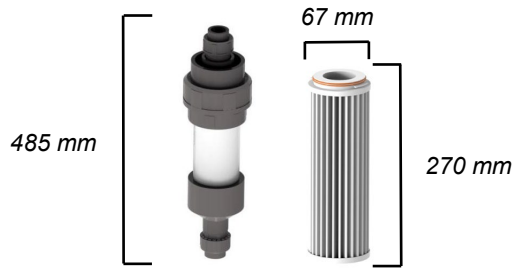
Their uniqueness represents a natural trade protection from the attacks of standard products and their undisputable quality always ensures better performance than any other alternative.



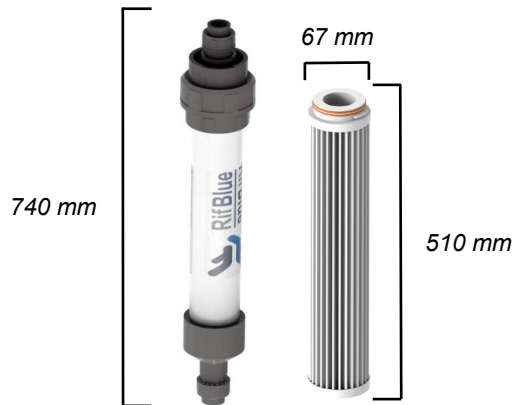
high modularity  
easy installation  
small footprint

# RifBlue housings

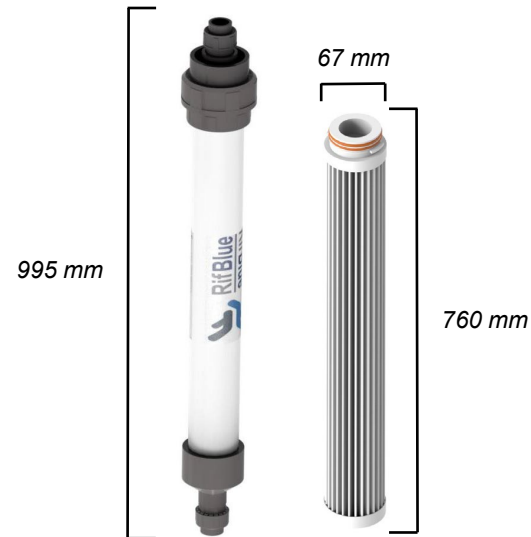
RifBlue housings are produced in three different heights:



**RifBlue PVC 1x10"**  
Contains 1 cartridge of 10"  
Flow rate up to 1,8 m<sup>3</sup>/h



**RifBlue PVC 1x20"**  
Contains 1 cartridge of 20"  
Flow rate up to 2,7 m<sup>3</sup>/h



**RifBlue PVC 1x30"**  
Contains 1 cartridge of 30"  
Flow rate up to 3,6 m<sup>3</sup>/h

RifBlue housings guarantee:



## High flow

*Products with lengths (1x10", 1x20" e 1x30"), diameters (90,0mm) and connections (1") such as to ensure flow rates from 1,8 m<sup>3</sup>/h to 3,6 m<sup>3</sup>/h*



## High pressure resistance

*Possibility to operate up to 8 bar*



## Absolute corrosion resistance

*Durability guarantee in seawater filtration*

# Why choose RifBlue?

## Uniqueness

RifBlue housings are **unique** products because:

- They are the combination of the best technologies currently available on the market.
- They are made to be fitted 3 types of cartridges (depth, pleated and washable).



## Simplicity

RifBlue housings are **easy** to use:

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



# Why choose RifBlue: modularity

RifBlue PVC housings and cartridges allow the construction of ideal **modular** batteries to meet all flow rates at reduced costs.



**RifBlue PVC**  
1-2RS  
Flow rate up to 7,2 m<sup>3</sup>/h



**RifBlue PVC**  
1-3RS  
Flow rate up to 10,8 m<sup>3</sup>/h



**RifBlue PVC**  
1-4RS  
Flow rate up to 14,4 m<sup>3</sup>/h



**RifBlue PVC**  
1-5RS  
Flow rate up to 18,0 m<sup>3</sup>/h



**RifBlue PVC**  
1-6RS  
Flow rate up to 21,6 m<sup>3</sup>/h



**RifBlue PVC**  
1-7RS  
Flow rate up to 25,2 m<sup>3</sup>/h



**RifBlue PVC**  
1-8RS  
Flow rate up to 28,8 m<sup>3</sup>/h



**RifBlue PVC**  
1-9RS  
Flow rate up to 32,4 m<sup>3</sup>/h



**RifBlue PVC**  
1-10RS  
Flow rate up to 36,0 m<sup>3</sup>/h

# RifBlue filtration cartridges

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

## Depth filtration cartridges

### N95RIF

Polypropylene Melt Blown



High filter volume

High loading capacity of particles with heterogeneous size

## Pleated filtration cartridges

### PP95RIF

Polypropylene Pleated



High filter surface

High loading capacity of particles with homogeneous size

## Washable filtration cartridges

### TPL95RIF

Pleated Polyester Net  
TekBlue



Washable

High particle loading capacity with possibility of reuse



RifBlue 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

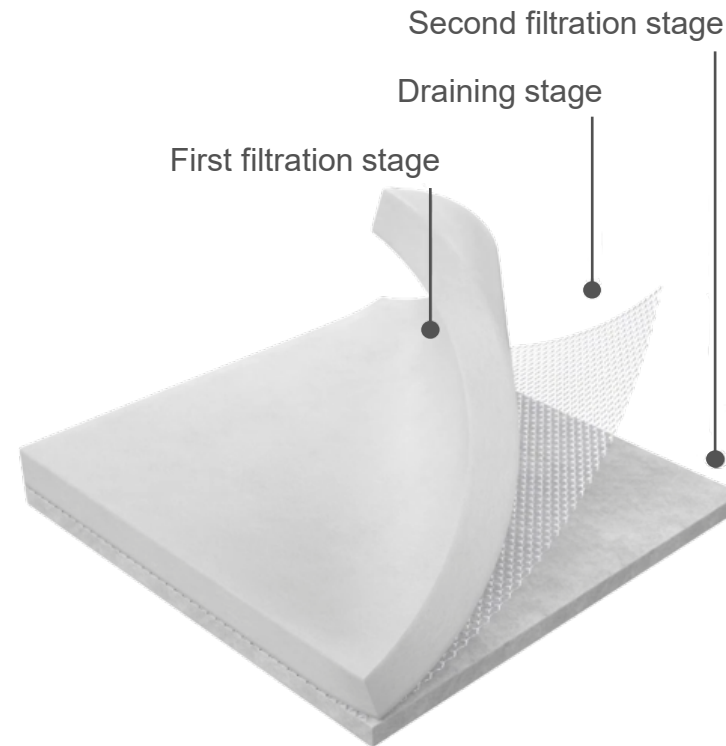
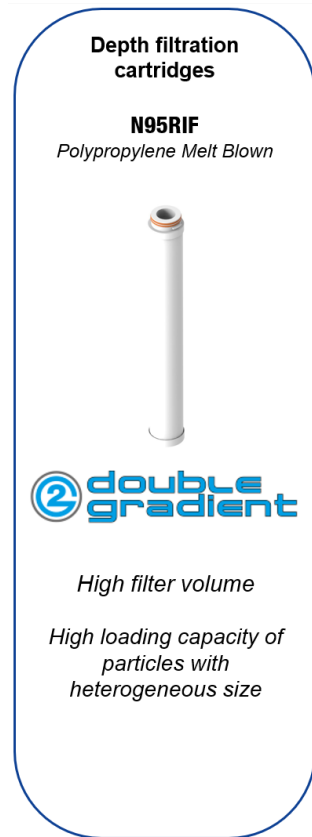
*The large surface/volume allows high flow rates to be treated using filter housings and batteries having small footprints*



### High efficiency

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

# RifBlue N95RIF depth filtration cartridges



The **RifBlue N95RIF** cartridges are made of extruded polypropylene with internal support and rigid molded polypropylene terminals.

The **RifBlue N95RIF** 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.

**RifBlue N95RIF** cartridges are produced in the following filtration grades: 1-10  $\mu$ , 5-20  $\mu$ , 20-50  $\mu$ , 50-90  $\mu$  with 95% removal efficiency (99.98% absolute on request).

# RifBlue PP95RIF pleated filtration cartridges

**Pleated filtration cartridges**

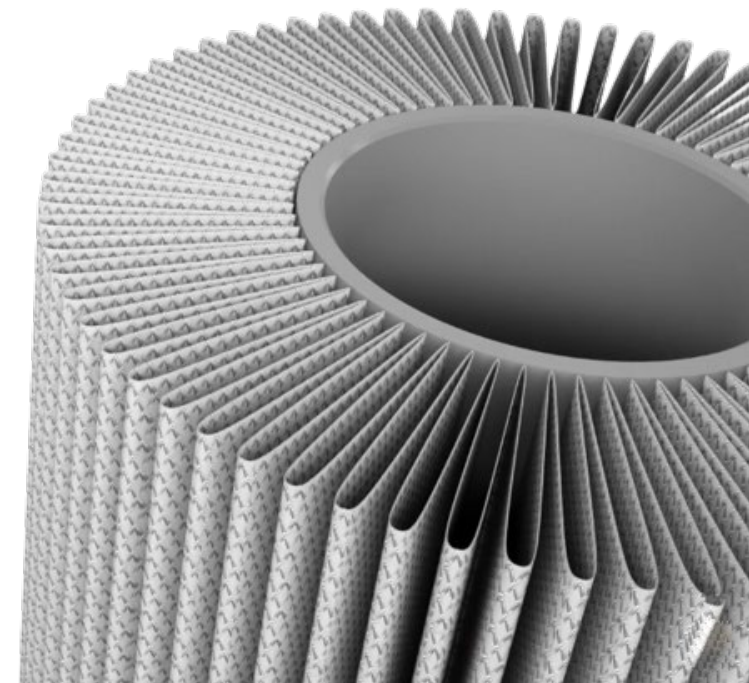
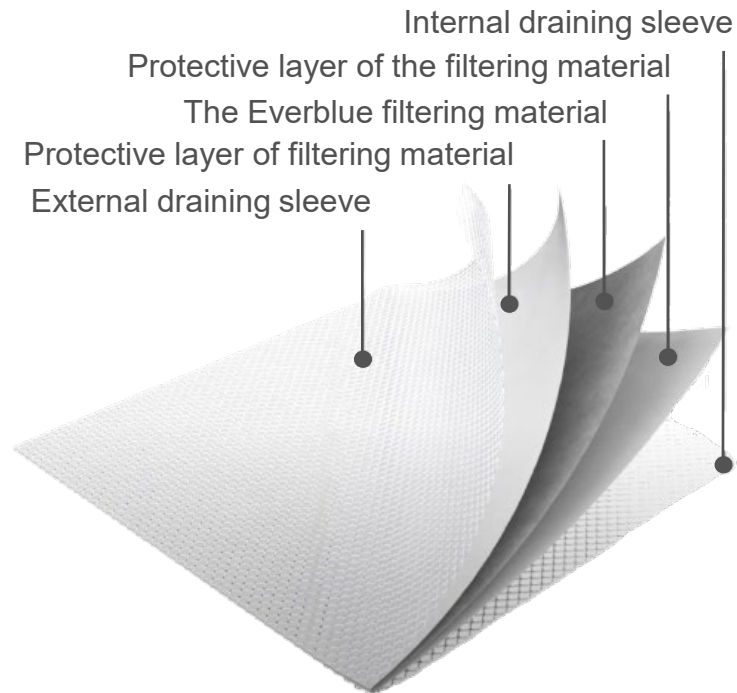
**PP95RIF**  
*Polypropylene Pleated*



**5 Layers**

*High filter surface*

*High loading capacity of particles with homogeneous size*



RifBlue PP95RIF 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.

RifBlue PP95RIF 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.

RifBlue PP95RIF cartridges are produced in the following filtration grades: 1, 5, 10, 20, 50  $\mu$  with 95% removal efficiency (99.98% absolute on request).



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## RifBlue TPL95RIF washable filtration cartridges

Washable filtration cartridges

**TPL95RIF**  
Pleated Polyester Net  
TekBlue



500 CLEANING GUARANTEED

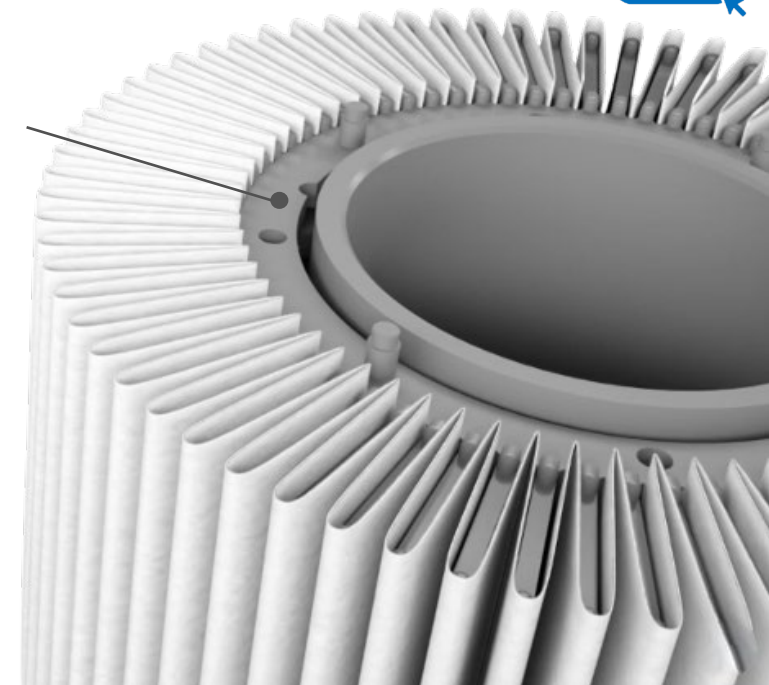
**filstar**  
inside  
PATENTED

Washable

High particle loading capacity with possibility of reuse




Rigid polypropylene structure  
**filstar** inside  
PATENTED



The **RifBlue TPL95RIF** 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).

**RifBlue TPL95RIF** 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.

**RifBlue TPL95RIF** cartridges are produced in the following filtration grades: 20, 50 µ with 95% removal efficiency.

## More Info



**Data Sheet**  
RifBlue PVC



**Video**  
RifBlue PVC



**Case History**  
RifBlue PVC

*Company authorized to the use of the brand*



# Contact Us



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