



**hilon**<sup>®</sup>  
FILTRATION

[www.hiloninside.com](http://www.hiloninside.com)  
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### Cartridge Filter (Non Woven)

Cartridge Filter (Non Woven) is a non-woven filter cartridge, the process of unification constituent fibers occur because of a mechanical process and put together with the heating process.

#### The terms in Cartridge filter

- Polyester fibers** : The fibers are made from long chain synthetic polymers has excellent tensile strength.
- Polyester staple fiber** : Short fibers with a certain length, are made with how to cut a bunch of fiber filaments (tow) polyester
- Filtration** : Separation of solid particles in the form of a fluid with dirt skips the filtering medium or septum, which above solids are filtered out.

#### Cartridge Filter function

Filter cartridge has a function as a filter at refill of drinking water or RO water. For that this product has a permeability properties (absorption) is good, so that water can pass through the pores of the material.

But can prevent / filter granulated particles (Dirt) in drinking water.

#### Pore size and Feasibility Test Refill Water

Pores contained in the Filter Cartridge ranging from 1.2 micron – 5 micron, where the test trials conducted in Sucofindo. Feasibility refill drinking water testing performed at BBIA (Center for Agro Industries) in Bogor under the auspices of the Ministry of Industry.



## HILON Filtration

### Air Filter

#### Strengths and Advantages

- Save electricity
- Durable
- Easy to install
- Safe and environmentally friendly
- Odorless
- Non-toxic
- Do not cause allergies



### **Automotive Air Filter**

Automotive Air Filters are one part or process where the combustion fuel materials that occurs in the vehicle engine room, require a clean and good condition, in a design air filter. Air cleaner not only serves as an air filter, but the design of air cleaner also affects the inflow of air into the combustion chamber.



### **Filter Bag**

Filters are commonly used in dust collector machine, especially in industrial and factory such as cement plants, coal etc.

### **Filter Media**

Water filters and air filters are made of 100% Polyester Fiber and Polyurethane Foam Reticulated (Polyester and Polyethers Foam).

Used for filter air regulator in buildings. On usage filter foam, can also function as air conditioner filters in the building

