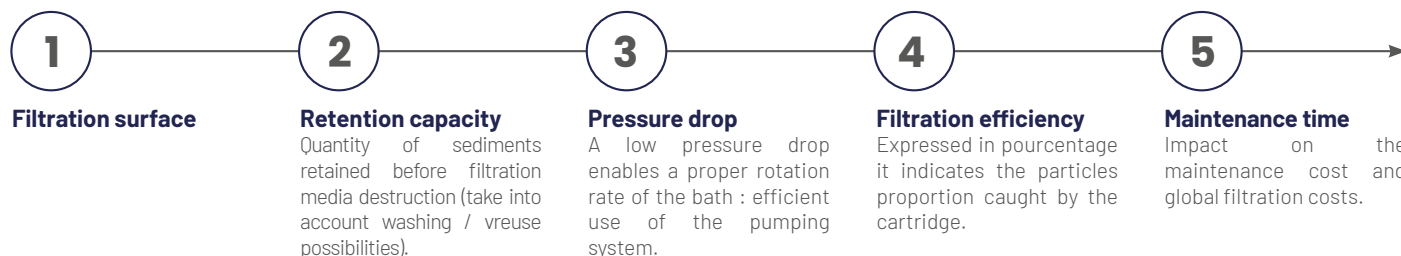


EN Data sheet

Filtration systems parameter

It is at the heart of your filtering system and can make all the difference between obtaining a perfectly treated product and a reject.



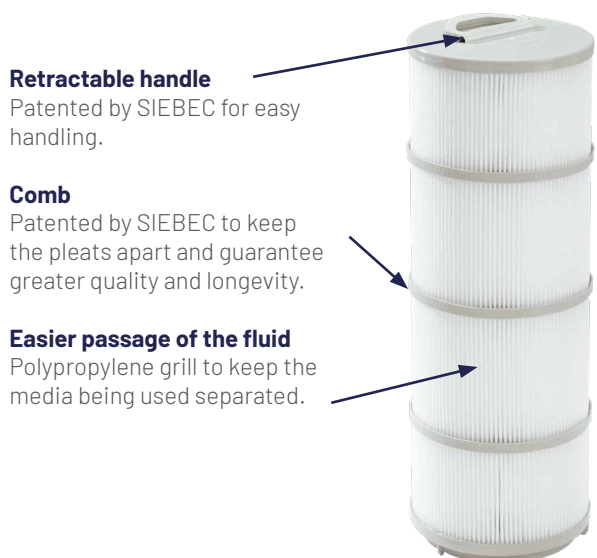
Current systems offered (exemple for an L filtre, 20" set, 10?m)

Those filtration medium all individually have advantages but none meets the entirety of diverse industrial applications needs and requirements. Siebec designs and manufactures the most efficient solution yet : the LTECH cartridge.

	Retention capacity	Maintenance time	Filtration surface	Initial pressure drop - at 10m ³ /h
 7 20" cartridges Standard depth	1.1 kg	8 min	NA	0,15 bar
 Paper for plates	0.8 kg	20 min	1,44 m ²	0,3 bar
 LTECH	4.7 kg	5 min	5 m²	0.05 bar

LTECH, designed for the industry

In order to provide it's clients with an ever more efficient product, Siebec offers it's LTECH cartridge : a concentrate of technologies specifically designed to meet the filtration requirements of the surface treatment industry. A synthesis of 60 years of expertise and know-how which answers the ever growing need of quality and filtration cost reduction.







Retractable handle
Patented by SIEBEC for easy handling.

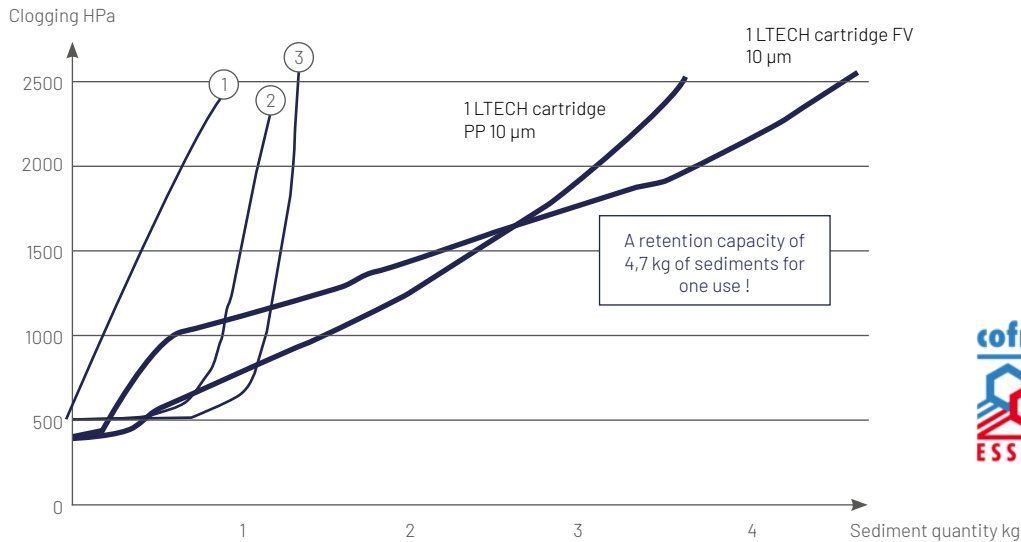
Comb
Patented by SIEBEC to keep the pleats apart and guarantee greater quality and longevity.

Easier passage of the fluid
Polypropylene grill to keep the media being used separated.

Diamtre : 180 mm
Available in 10" and 20"

<p>5m² filtration area</p>  <p>Filtration costs reduction. High flowrate. Low pressure drop.</p>	<p>99.6% retention treshold</p>  <p>From 0,2 up to 100 µm.</p>
<p>PP build</p>  <p>No risks of bath contamination. Temperature up to 80°C.</p>	<p>Washable</p>  <p>10 time on average. Reduction of filtration costs.</p>

Retention capacities of different filtration medium



- ① 64 plates 10 µm
0,8 kg of sediments retained
- ② 7 extruded cartridges 10 µm
1,1 kg of sediments retained
- ③ 7 wound cartridges 10 µm
1 kg of sediments retained

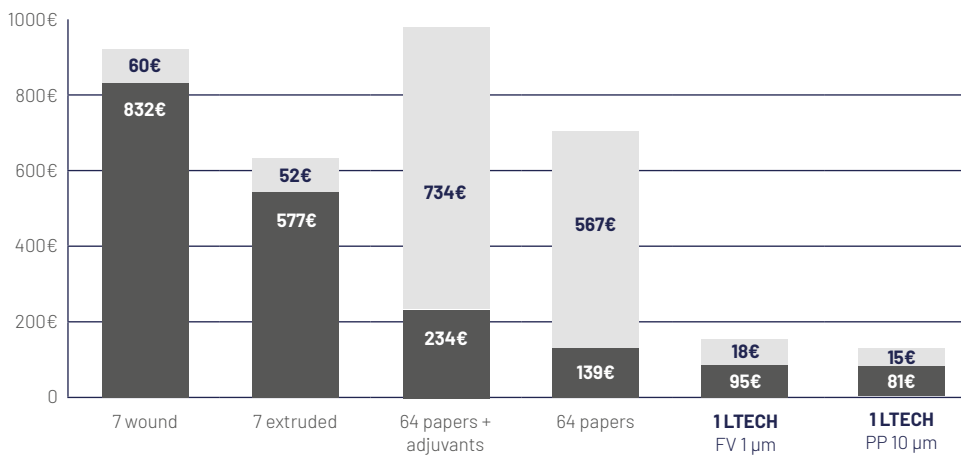


According to standards : EN13 343-2 (NFX45-303) on L50 SIEBEC filter at 10 m³/h



Comparative analysis of filtration costs

Filtration costs for an L50 Siebec filter for an LTECH cartridge used 5 times (washed and reused)



- Maintenance costs
According to changing/cleaning media time, labor cost : 18,00 €/h
- Filtration media costs according to the current Siebec prices

Filtration rate depending on the applications

Precious metal, Alkaline nickel, Copper	1 µm
Precious metal, Alkaline nickel, Copper	5 µm
Rincing bath, Alkaline copper, Nickel, Brass	10 µm
Acide chromic, Alkaline zinc, Brass	20 µm
Barrel nickel, rincing bath, Alkaline zinc	50 µm
Zinc-Nickel bath	100 µm