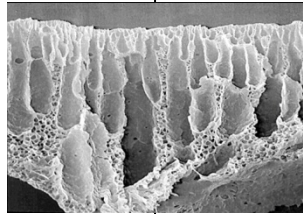


Membranes and Modules



Pleiade MP4®

MP4 modules incorporating ultrafiltration membranes provide high performance, reliability, longevity and a low operating cost. The most cost effective organic membrane for demanding applications.

Membranes and Cut-off

	PVDF	PAN	PES
Microfiltration			
0,25 µm	✓		
0,20 µm	✓		
0,15 µm	✓	✓	
0,10 µm	✓	✓	✓
Ultrafiltration			
50 nm	✓		✓
10 nm	✓		✓
10 kD			✓
5 kD			✓

PVDF: Polyvinylidene fluoride - PAN: Polyacrylonitrile - PES: Polyethersulfone

EXCLUSIVE RANGE

Fabric supported

3038 (-) grafted PAN 40 kD

3042 (+) grafted PAN 40 kD

3050 (-) grafted PAN 50 kD

Module type

RANGE				
3S10P	2S14P	3S14P	3S8P	5S8P
Gasket	Gasket	Gasket	Gasket	Gasket
1,4 mm	1,4 mm	1,4 mm	3 mm	1,4 & 3 mm



Compact

MP4® modules

Our job: design, produce and sell organic and ceramic membranes, Pleiade®, Kleansep™, Klearsep™, Flosep and Persep™ range, plan type, Spiral, Tubular Multichannel, and hollow fiber.

Innovative in the fields of purification and recycling of effluent, Orelis Environnement is an expert company in membrane separation technology, in the service of your processes.

We are working with installers and OEMs to implement our solutions membranes.

Our teams are at your disposal to find the solution to your needs.



MP4®

Orelis Environnement Pleiade® plate and frame system was first introduced over 25 years ago and is used by many of the world's leading automotive and environment industries. To meet the changing demand of the market, the MP4 retains the proven benefits of plate and frame technology with improved maintenance and operation.

Advantages

SUPERIOR DESIGN

- Free liquid flow path
- No paint flow obstruction
- Proven and reliable plate and frame technology
- Visual identification of the permeate of each membrane

EASILY ADAPTABLE

- MP4 can directly replace spiral wound filters on existing skids

EFFICIENCY

- High output performance
- Low energy requirement

EXCEPTIONAL RELIABILITY

- Long membrane lifetime

MP4 UNIQUE DESIGN

- Each membrane has a shutoff valve
- Damaged membranes can be identified and isolated

READY TO USE

- No pre-conditioning of the membrane required

EASY TO CLEAN

- No spacer grill
- Modules can be individually isolated for maintenance without stopping production

ENVIRONMENTALLY FRIENDLY

- Entirely recycled by Orelis Environnement
- No disposal costs

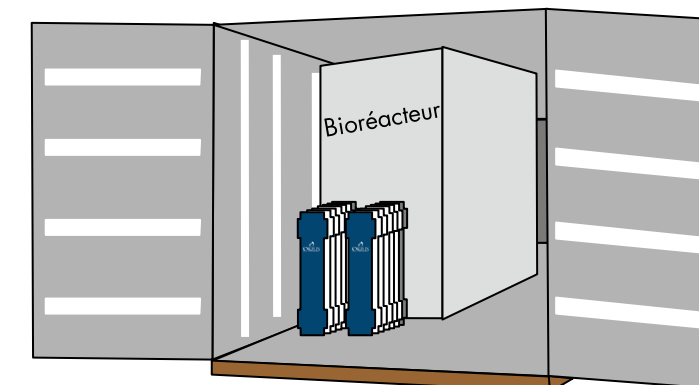
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30340 Salindres – France
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P4-BIO

P4-BIO, for the treatment of small communities wastewater such as base camps and resorts, it excels for its simplicity and robustness

Diagram and photo of the P4-BIO in a container



The P4-BIO is modular, it is easy to use, easy to clean and adaptable for small or big needs. Its design makes it interchangeable. It is made of composite materials, it is not only strong but also extremely resistant to any kind of corrosion.

He is already famous in Canada's far North for the treatment of base camps wastewater, in accordance with discharge into the Athabasca River.

