

## ENVOTECH LTD

20, Leonardo Da Vinci St. – 4000 Plovdiv, Bulgaria

tel./fax: 00359 32 620802 e-mail: [info@envotech.bg](mailto:info@envotech.bg), web: [www.envotech.bg](http://www.envotech.bg)

### Lamella packs (lamella blocks) for sedimentation units

#### Technical characteristics

Standart sizes of the lamella pack					
Application	Width B	Length L without projection	Slope	Hight H (Min ÷ max)	Projected Surface
Sedimentation/ Clarifier	1000 mm	50 mm pitch	60°	530 ÷ 1320 mm	13,9 m <sup>2</sup> /m <sup>3</sup>
Oil water separator	1000 mm	61 mm pitch	45°	445 ÷ 1110 mm	19,6 m <sup>2</sup> /m <sup>3</sup>

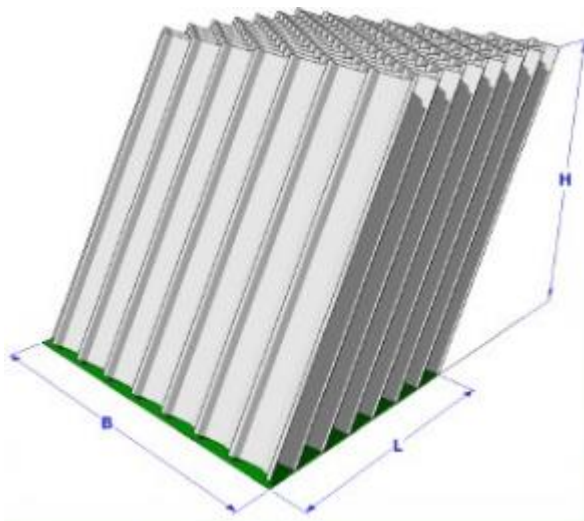


Plate packs can be supplied placed in a metal frame made of stainless steel AISI 304, AISI 316L or galvanized profile. For ease of installation are equipped with lifting hooks.



Hydraulic data for the packs 60° slope		
Hydraulic radius	Hydraulic diameter	Minimum free passage
1,5 cm	6,0 cm	78 mm

Material	Color	Thickness	Work temperture
Polystyrene. Primary polystyrene food and drinking water grade	Black	1,2 mm	-5°C ÷ 80°C

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The plate packages are designed to maximize the surface without limiting the free passage of fluids. The channels have a specific shape which allows the best settling flow.

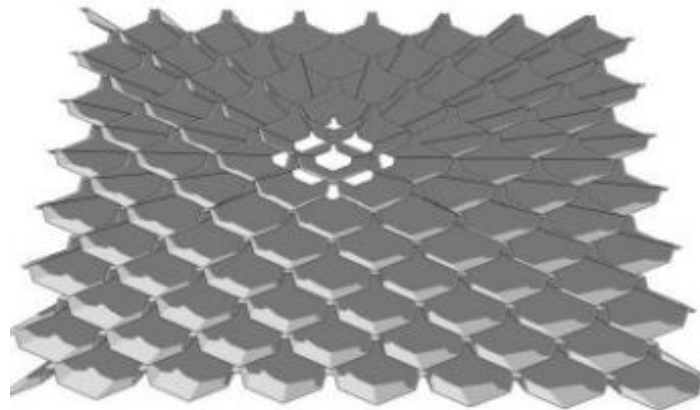


Plate packs can be made in different sizes and inclinations according to the requirements of the tank that will be installed, including if it is circular.

The plate packs are widely used in wastewater treatment, including:

Primary and secondary settling tanks (clarifiers) in sewage treatment plants;

- Processes in flocculation and clarification;
- Separators of oil products in waste water;
- Sedimentation in treatment plants for drinking water;

The material used for the production of plate pack meets the most most restrictive standards, which gives many advantages, such as:

- Lightweight of the package, allowing easy installation;
- High mechanical resistance;
- Resistant to most chemicals;

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