

Filtration of dielectric oil in rainwater Flowrate 1500 Liters/min (25 Liters/sec)

Use

FILTRELEC® 1500 is a product that allows continuous rainwater draining off while trapping permanently hydrocarbons, preventing any soil or water pollution.

Conception

This filtration system, functioning on a gravitational way is designed and assembled in France. It is made from an **oleophilic and hydrophobic polymer**. It allows the continuous draining of decontaminated rainwater with residual hydrocarbon concentration lower than **5mg/L** until filter saturation

During a large spill of oil, the component reacts and forms a plug, preventing any fluid from pouring into the environment

This system works without mechanical part or electrical connexion reducing maintenance costs.

Installation

FILTRELEC® F1500 can be installed at the exit of a pit ; after fluid settling or can be installed in parallel to get an higher filtration flowrate.

It must be installed on a raised grating (20cm from the ground) to ensure correct draining of the filtered fluid.

Norms/Certification

Certification by SGS of the filter efficiency at 99.9%

Exemples de résultats d'analyses obtenus lors de la certification du filtre (12/2017) :

	Point 1 Amont	Point 2 Aval 1	Point 3 Aval 2	Point 4 Aval 3 (rincage)	Unités
Rapport Essai analyse	EV17-28766.004	EV17-28766.001	EV17-28766.002	EV17-28766.003	
HCT*	24 000	< 0.05	< 0.05	0.06	mg/l

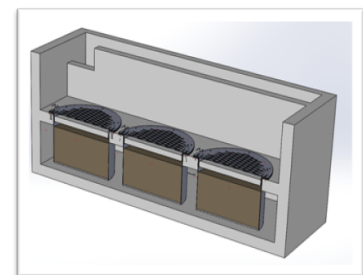
Photos



Filter



Filter Installation with DN100



Parallel assembly example

Technical characteristics :

- Flowrate : 1500L/min
- Material : HDPE
- Dimensions :
 - Ø = 1500mm
 - h = 500 mm
- Full weight : +/- 210kg
- Retention capacity = +/- 55 Liters of pure mineral oil

Delivery lead time : 8 weeks after PO reception

Réf. : F1500 FTECH [EN] Rév. 0 Page 1/1	GMT - ZI Courtine - 405, rue du Grand Gigognan - 84000 Avignon - France Tél : +33 (0)4.90.85.08.64 - Fax : +33 (0)4.90.25.61.10 e-mail : gmt@gmtinternational.fr / Web : www.gmtinternational.fr AKHELEC - 337 Paseo de Ferrocarril, 1º 4ª - 08860 Castelldefels – Spain Ph : +34 932 72 39 00 - M : +34 630 918 052 e-mail International : akhelec@akhelec.com / Web : www.akhelec.com	Update : 29/07/2019 Author : PGO
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