



Overview Filter Consumables for the Oilfield and Process Industry

DVTCH
FILTRATION

Experience & Innovation

BRINGING YOUR FILTRATION TO A HIGHER LEVEL

Dutch Filtration offers the best filtration solutions for various applications. We understand filtration is often an important step in your process(es). Dutch Filtration can help you to solve contamination issues, optimize fluid quality and improve your process and realize cost reductions.

Our consumables are manufactured in our own production plant under ISO9001:2015 standards.

We can supply filter elements that are functionally and dimensionally interchangeable with industrial filter elements from a.o. Cuno 3M, Pall, Parker.

Applications:

- Completion Fluids
- Produced Water
- Workover Fluids
- Gravel Pack Fluids
- Oily Waste Water
- Stimulation Fluids / Acids
- (Bio) Diesel
- Surface / Sea Water Intake
- Injection Water
- Frac Fluids
- Waste Water / Slop Water
- Industrial Process Water
- Pre Filtration RO
- Pipeline Flushing
- Cooling Water filtration
- Waste Water Recovery
- Liquid – Gas Coalescing
- (Dry) Gas Filtration
- Liquid-Liquid Coalescing
- Amine and Glycol Filtration
- Decommissioning Water Clean Up
- Geothermal Re-injection
- Membrane Pre Filtration UF/RO
- Food and Beverage



We design, innovate, engineer and fabricate high quality equipment and consumables in-house. With many years of field experience, we offer rental equipment, spare parts, onsite training, maintenance and refurbishment of equipment, on- and offshore as well as consultancy support for filtration operations.

FILTER CONSUMABLES



Pleated Cartridges

Our absolute pleated filter cartridge, DutchFlow is designed for fine filtration and can be used for a wide range of fluids in the oil and gas industry and process industry. It offers a unique combination of high dirt holding capacity, high flow rate, low pressure drop and large surface area at an absolute rating of beta 5000. Offering chemical compability and operations at higher temperatures and pressures. Micron rating : 0,5 - 100 micron

Wound Filter Cartridges

Our wound filter cartridge, TwistFlow has excellent multi layer depth filtration, due to the advanced technology used in our manufacturing process. The unique string winding pattern of the wound cartridge, TwistFlow, provides true depth filtration, contamination absorption and flow capacity.

Micron rating : 1 - 100 micron



Spunbonded Filter Cartridges

All components of our spunbonded cartridges, FiberFlow, are thermally fused, this makes the cartridge compatible with most fluids and additives and allows operations at higher temperatures. The unique string winding pattern of the wound cartridge, TwistFlow, provides true depth filtration, contamination absorption and flow capacity. Micron rating : 1 - 100 micron

High Flow Cartridges

The large surface area and large diameter provide higher dirt holding capacity and ability to handle higher flow rate than regular pleated cartridges. We produce several types of high flow filters with different connectors for filtration from outside to inside and vice versa in lengths of 20 to 60 inch, different filter media, all thermally fused. We offer a full range of economic replacements for Pall, Parker and 3M.

Micron rating : 0,5 - 150 micron



Oil Absorption Cartridges

Our oil absorption cartridge, OilLock is able to remove free, dispersed and emulsified hydrocarbons from water. It has a high absorption capacity and remove 99 percent of the oil in a single pass. The Oil-Lock (DOL) blocks the flow after saturation.

Adsorption capacity hydrocarbon : 2 kg

Filter Bags

Our filter bags are used for a wide range of coarse filtration applications. They provide a cost effective and consistent filtration system. The flow is from the inside to the outside of the bag, so all contaminants are collected in the bag. Available bags: Standard needle felt filterbags, welded seams, mesh, pleated and multilayer felt with rigid rings or snap ring.

Micron rating : 1-200 micron, specials 0,6 - 1500 micron



High Capacity Filter Bags

With our high capacity filter basket & bag you can have the desired flow rate and dirt holding capacity, but for a lower cost and with a smaller filter housing. The filtration surface area is increased by 70%
Micron rating : 1-200 micron, specials 0,6 - 1500 micron

Metal Filter Elements

Metal pleated filters are specially designed for high flow rate, high dirt holding and high temperature applications. We have pleated and non-pleated elements in stainless steel 304, 316, duplex, super duplex and more. They can be cleaned and re-used.



Diatomaceous Earth

Our diatomaceous earth (DE) gives excellent particulate holding, is chemically inert, has a low density and high porosity. In addition it has an extremely high surface area and a large absorptive capacity. This makes our DE material excellent for filtration. The media removes very small particles at a high flow rate. DE material can be used in our Filter Press and Vertical Pressure Leaf filter. We also offer filter leaves for replacement.

APPLICATIONS FILTER CONSUMABLES

	AP	DFW	DFS	HF	OA	FB	HCFB	MF	DE	CF
Completion Fluids / Wellbore Clean Up	X	X	X	X	X	X	X		X	
Workover Fluids	X	X	X	X	X	X	X		X	
Oily Waste Water		X	X	X	X	X	X		X	X
Gravel Pack Fluids	X	X				X	X		X	
Stimulation Fluids / Acids	X	X		X	X	X	X			
Well testing	X	X		X	X	X	X			X
Produced Water		X		X	X		X	X		X
(Bio) Diesel	X	X	X	X		X	X	X		
Surface / Sea Water Intake	X	X	X	X		X		X		
Industrial Process Water	X	X	X	X	X	X	X			
Condensate		X	X		X					X
Frac Fluids	X	X		X	X	X			X	
(Industrial) Waste Water / Slop Water	X	X	X	X	X	X	X	X	X	
Pipeline Flushing	X	X		X	X	X	X			
Injection Water	X	X	X	X				X		
Cooling Water Filtration		X	X	X	X	X	X			
Water Pre-treatment		X	X	X		X	X	X		
Waste Water Recovery	X		X	X	X	X		X		
Liquid - Gas Coalescing										X
(Dry) Gas Filtration	X	X					X	X		
Liquid - Liquid Coalescing		X								X
Amine and Glycol Filtration	X	X	X	X						
Decommissioning Water Clean Up	X	X	X	X	X	X	X		X	
Geothermal re-injection	X	X		X		X	X	X		
Membrane Pre Filtration UF/RO	X	X	X	X	X	X				
Food and Beverage				X						
Coolants				X						

AP = Absolute Pleated Cartridge
 HF = High Flow Filter Cartridge
 HCFB = High Capacity Filter Bag
 CF = Coalescer Filter

DFW = Depth Filter Cartridge Wound
 OA = Oil Absorption Cartridge
 MF = Metal Filter element

DFS = Depth Filter Cartridge Spunbonded
 FB = Filter Bag
 DE = Diatomaceous Earth

Experience & Innovation

Headoffice

Dutch Filtration BV
 Vrijheidweg 61
 1521 RP, Wormerveer
 The Netherlands
 +31 (0)75 201 40 00
 info@dutchfiltration.com
 www.dutchfiltration.com

North America

bjansen@dutchfiltration.com
 +1 832 589 2453

