Masterfilter was created in 2010. Competence in processes and utilization are the strengths of Masterfilter.

We bring solutions for all kind of critical applications.

Masterfilter is a filtration company that focuses on high end solutions in PES & PTFE membrane filters and various pleated filter cartridges. Masterfilter provides professional technical and scientific assistance to filtration, separation and purification solutions. Our goal is to deliver innovative quality products on time with a high cost saving potential.

The philosophy of Masterfilter

Experience
Market and customer oriented
Flexible
Team spirit
High qualified engineers
Stable and independent
Very competitive
Find best fitting solution

Filters for the process industry
### Beer

#### Activated Carbon Filter
- **ACF**
  - Ideal for chlorine reduction
  - Excellent absorbency
  - No release of active carbon
  - Available in 2 grades
  - FDA approved

**Applications**
- De-chlorination of process water and drinking water
- De-chlorination of drinking water
- De-chlorination of rinsing water
- De-colourisation

#### Melt blown depth filter
- **MBK**
  - Three layer construction
  - Thermal bonding without binders and adhesives
  - High dirt holding capacity and long service life
  - Removal rating (µm): 1.0 – 150 µm

**Applications**
- Pre filtration for water
- Pre filtration for RO plants
- Beverage filtration

#### High flow filter cartridge
- **HCF**
  - High surface area
  - High flow rate / smaller filter systems
  - Coreless construction to minimize waste disposal
  - Inside to outside flow configuration
  - Absolute rated filter medium
  - Available in 20”-40”-60” lengths

**Applications**
- Water treatment
- Process water
- DI water

#### Multi-layer pleated polypropylene cartridge
- **APK**
  - Multi layers melt-blown polypropylene
  - High dirt capacity
  - 100% polypropylene
  - Absolute micron rating (µm): 0.3 – 10 µm
  - Retention of particles
  - Reduction of bioburden from liquids

**Applications**
- Pre-filtration for beer, water and gases
- Clarification of beer

#### Nano-fiber polypropylene pleated filter cartridge
- **APF**
  - High flow rate
  - High dirt capacity
  - Backwashable, extend service life
  - Micron rating (µm): 0.3 – 20 µm
  - Absolute micron rating (µm): 1.5 – 10 µm

**Applications**
- Trap filtration for beer
- Beer clarification
- Yeast removal from beer
- Trap filtration for kieselguhr free microfiltration

#### High density polypropylene pleated cartridge
- **PPK**
  - Graded pore-size distribution
  - Backwashable, extend service life
  - 100% polypropylene
  - Micron rating (µm): 0.3 – 20 µm

**Applications**
- Pre-filtration for beer, water and gases
Hydrophilic polyethersulfone membrane

- PES
  - Easy wetting
  - Low adsorption
  - Repeatedly integrity testable
  - Micron rating (µm): 0.1 – 1.2 µm

Applications
- Bottled water
- Beer filtration
- Sterile beer filtration
- Juices

Stainless steel sintered filter cartridges

- SDF
  - Available in 316 stainless steel
  - Cleanable and re-usable
  - Welded construction
  - High temperature and corrosive resistant
  - Removal rating (µm): 1 – 100 µm

Applications
- Steam filtration (culinary)
- Aggressive chemicals and gases
- Viscous fluids
- Corrosive fluids

Sterile PTFE membrane gas filter

- SLF-T
  - Permanently hydrophobic PTFE membrane
  - Suitable for all integrity test procedures
  - Pleated surface for high flow rate and long life
  - Removal rating (µm): 0.2 µm

Applications
- Sterile filtration of air and CO₂
- Sterile tank venting
- Process gas filtration

Glass micro fibre cartridges

- SLF-G
  - Steam sterilisable
  - High dirt holding capacity
  - Pleated surface for high flow and low pressure drop
  - Removal rating (µm): 0.01, 0.3, 0.5 µm

Applications
- Sterile filtration of air and CO₂
- Sterile tank venting
- Process gas filtration
- Membrane pre-filter

Housing range for liquids and gases

- FG-F/G
  - Manufactured in accordance with European regulations
  - Supplied with a wide range of connections
  - Mechanically / electro polishing
  - Surface finish Ra < 0.8 µm
  - Sanitary / industrial

Applications
- Liquid filtration
- Gas filtration
- Vent filtration

Filter integrity tester

- IT-01B
  - Integrity testing for all membrane filters
  - Single and multiple test
  - Liquid and gas filter
  - Compact design

Applications
- Bubble point test
- Pressure decay test
- WIT (optional)
Masterfilter

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